70-71

PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

Revised January 1971

Cooperative State Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.

70-71

PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

Revised January 1971

Cooperative State Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.

KEY TO ABBREVIATIONS*

			200.
Acad	Academic	Gen	General
Acct(s) Actg	Account(s), Accountant, Accounting Acting	Genet HEW	Geneticist, Genetics U.S. Dept Health, Education, and Welfare
Adj	Adjunct	new Herbic	Herbicide
Admin	Administration, Administrative,	Hist	History
	Administrator	Histol	Histologist, Histology
Adv	Adviser	Hort	Horticultural, Horticulture,
Affl	Affiliated, Affiliation		Horticulturist
Agron	Agronomist, Agronomy	Hous, Hsehold	Housing, Houshold
Agt	Agent	Husb	Husbandman, Husbandry
AID	Agency for Internatl Devlpmt	Нуд	Hygiene, Hygienist
Arch ARS	Architect, Architectural, Architecture	Impl	Implement
Artif	Agricultural Research Service (USDA) Artificial	Impr Indus	Improvement Industrial, Industry
A-TR, M-S	Administrative-Technical Representative	Inform	Information, Informationist
Program	McIntire-Stennis Program	Ins	Insect
Aud	Audio; Auditor	Insem	Insemination
Behvr	Behavior	Inst	Institute, Institution, Institutional
Biol	Biological, Biologist, Biology	Instr	Instruction, Instructor
Biomet	Biometric(s), Biometrical, Biometrician,	Int	Interior
_	Biometry	Invest	Investigation, Investigator
Br	Branch	Itin	Itinerant
Brdg, Brdr Bul	Breeding, Breeder Bulletin	Jour	Journalism, Journalist
Bur	Bureau	Lab Lect	Laboratories, Laboratory Lecturer
Bus	Business	Ldr, Ldrshp	Leader, Leadership
Cellul	Cellular	Mach	Machine, Machinery
Chanc	Chancellor	Mater	Materials
Chg	Charge	Mech	Mechanical, Mechanics, Mechanization,
Chmn	Chairman		Mechanized
Clin	Clinic Clinical, Clinician	Met	Meteorologist, Meteorology
Cloth	Clothing	Metab	Metabolic, Metabolism
Col	College	Mfg, Mfr	Manufacturing; Manufacture, Manufacturer
Com	Commercial Communication(s)	Mgr, Mgt	Manager; Management
Commun Comn	Commission	Micros Min	Microscopist, Microscopy Mineralogist, Mineralogy
Compt	Comptroller	Mkt, Mktg	Market: Marketing
Consum	Consumer	Molec	Molecular
C & MS	Consumer and Marketing Service	Nat	Natural
	(USDA)	Nutr	Nutrition, Nutritionist
Cont	Continuing	Off	Office, Officers
Соор	Cooperation, Cooperative, Cooperator	Орег	Operating, Operations, Operator
Coord	Coordinator	Organ	Organic; Organization
Ctr	Center	Ornam	Ornamentals
Decid D ef	Deciduous Defense	Ornith Path	Omithologist, Omithology Pathological, Pathologist, Pathology
Demog	Demography	Per	Periodical
Demon	Demonstrator	Pestic	Pesticide
Dep	Deputy	Phys	Physical, Physicist, Physiology
Devlpmt	Development	PO	Post Office
Diag	Diagnostic, Diagnostician	Polit	Political, Politics
Diff	Differences, Differentiation	Poul	Poultry
Dis	Disease(s)	Pract	Practical, Practice
Dist	District	Pres	President
Disting Di strib	Distribution, Distributive, Distributor	Prev	Preventive Principal
Distrib	Division	Prin Proc	Process(es), Processing
Ed	Editor, Editorial	Prod	Product, Production
Elec	Electric, Electrical, Electrification	Prof	Professional, Professor
Emer	Emeritus	Prog	Program
Ent	Entomological, Entomologist, Entomology	Proj	Project(s)
Engin	Engineer, Engineering	Protec	Protection, Protective
Epidem	Epidemiologist, Epidemiology	Prov	Provost
ERS	Economic Research Service (USDA) Environmental Science Service Administra-	Pub	Publication Publication
ESSA	tion	P ub Radiat	Radiation
Eval	Evaluation	Recr	Recreation, Recreationist
Expt	Experiment, Experimental	Regulat	Regulation, Regulatory
Ext	Extension	Rehabil	Rehabilitation
Fam	Family	Relat	Related, Relations, Relationships
Fed	Federal	Reprod	Reproduction
Fdn	Foundation	Res	Research, Researcher
Fin	Finance, Financial	Resist	Resistant
Flor	Floricultural, Floriculture, Floriculturist	Rpt Rumin	Report Ruminant
For	Forest, Forester, Forestry	SCS	Soil Conservation Service (USDA)
FS	Forest Service (USDA)	Sect	Section Service (SSEII)
Fungic	Fungicide	Serv	Service
Fum	Fumishings	Spec	Special, Specialist
Gard	Garden, Gardener, Gardening	Spect	Spectometrist, Spectometry

Key to Abbreviations* - Continued

USDC

USDI

Util

Vet

Vis

Vocat

USPHS

Verteb

Sta Station Stud Students; Studies Struct Structure(s) Supvr Supervisor System, Systematist

Syst

Tchr, Tchq Teacher; Teaching Tech Technical, Technician Technol Technologist, Technology

Text Textile Tob Tobacco

Trng; Trnr Training; Trainer Turb Turbulence

Tennessee Valley Authority TVA

USDA. U.S. Dept Agriculture

 ${}^{\star}\mathrm{This}$ list is not complete. New abbreviations are added each year by various schools, and it is impossible, in the time available for producing each Directory, to detect all new abbreviations and add them to the list.

U S Dept Commerce

U S Public Health Serv Utilities, Utility, Utilization

Veterinarian, Veterinary

U S Dept Interior

Vertebrate

Vocational

Visual

PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

Corrected to September 1970. Published since 1889.

COOPERATIVE STATE RESEARCH SERVICE

U.S. Department of Agriculture switchboard 202-737-4142 R G GARNER PhD Dir (Tel 202-388-7223) G J MOUNTNEY PhD Food Technol (Tel 202-388-2269) M M RAYMAN PhD Biochem (Tel 202-388-4347) GLADYS W ROYAL PhD Biochem (Tel 202-388-2601) B L LOVVORN PhD Admin (Tel 202-388-4423) 6 JS ROBINS PhD Ass∞ Admin (Tel 202-388-7441) Forest Resources W H CUMMINGS MF For (Tel 202-388-3076) T S RONNINGEN PhD Asst Admin Agr Res (Tel 202-388-B W POST PhD For Biol (Tel 202-388-4024) 4587) A E WYLIE PhD For Prod Technol (Tel 202-388-2977) BF BEACHER PhD Deputy Asst Admin Res Commun and Regional Res Coord (Tel 202-388-5260) 8 J D SULLIVAN PhD Asst Admin For Res (Tel 202-388-**Plant Sciences** C I HARRIS PhD Dir (Tel 202-388-4787) 4913) J M BARNES PhD Plant Path (Tel 202-388-2597) L M SMITH Jr PhD USDA Liaison Off (1890 College) JF FULKERSON PhD Plant Path (Tel 202-388-7322) Address: A&T University, Greensboro, NC H J HODGSON PhD Agron Forage and Range (Tel 202-JAMES TURNBULL MS Asst Admin Res Mgt H A DUNN PhD Asst to Asst Admin Prog Eval (Tel 202-388-6096) A J LOUSTALOT PhD Plant Physiol (Tel 202-388-3038) 388-6841) E R McGOVRAN PhD Ent (Tel 202-388-4348) N G BRANDENBURG PhD Prog Eval (Tel 202-388-5322) O R NEAL PhD Soil Sci (Tel 202-388-5077) C M RINGUETTE MCS Asst to Asst Admin Adm Off (Tel A S NEWMAN PhD Soil Sci (Tel 202-388-3758) 202-388-6845) R C RILEY PhD Ent (Tel 202-388-5598) PESCHLEUSENER PhD Engin (Tel 202-388-3453) Research Programs 2 Animal Sciences 10 Social Sciences JOGRANDSTAFF BS Dir (Tel 202-388-6209) P J JEHLIK PhD Dir (Tel 202-388-6033) CF SIERK PhD Asst Dir GR DAWSON PhD Agr Econ (Tel 202-388-4329) E H COBB PhD Anim Genet (Tel 202-388-2963) L C HALVORSON PhD Price and Income Policy E.C. MILLER PhD Poultry and Swine Nutr (Tel 202-388-2584) (Tel 202-388-6569) ATMLEE PhD Resource Econ (Tel 202-388-5571) E L PILCHARD PhD Vet Sci (Tel 202-388-2971) M B MINDEN PhD Home Econ (Tel 202-388-7854) C R RICHARDS PhD Rumin Nutr (Tel 202-388-4589) H R ROBINSON MS Prod Econ (Tel 202-388-6050) W E SHAKLEE PhD Poultry Genet (Tel 202-388-5059) GR SMITH PhD Form Mort and For Econ E J SPLITTER DVM MS Vet Sci (Tel 202-388-5620) JF SYKES PhD Anim Physiol (Tel 202-388-3880) (Tel 202-388-3085) BSWHITE Jr PhD Agr Econ (Tel 202-388-6033) S E ZOBRISKY PhD Anim Physiol (Tel 202-388-5819) K P WILKINSON PhD Rural Social (Tel 202-388-5335)

STATE AGRICULTURAL EXPERIMENT STATION REGIONAL DIRECTORS 15

North Central Region

GM BROWNING Dir (Tel 515-294-5717) Ames, Iowa

Northeastern Region

HR FORTMANN Regional Coord (Tel 814-865-5222) University Park, Pa

Southern Region

LE HAWKINS Dir-at-Large (Tel 405-372-6211, Ext 266) Stillwater, Okla

Western Region

M T BUCHĀNAN Dir-αt-Large (Tel 415-642-5878) Berkeley,

To locate an individual: 1. In index, find name, code numerals, and State where employed. 2. Find State listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

ALABAMA

Schools of Agriculture, Home Economics, and Veterinary Medicine, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of Auburn University, Auburn 36830 (Main tel 205-826-4000)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDC 7Coop USDI 9A-TR, M-S Program

123H M PHILPOTT PhD Pres of Univ (205-826-4650) 1TAYLOR D LITTLETON PhD Dean of Undergrad

Studies (205-826-5187) 1W S BAILEY DVM ScD Vice Pres for Academic

and Admin Affairs (205-826-4650) 12B T LANHAM Jr PhD Vice Pres for Res (205-826-4784)

129E V SMITH PhD Dean of Sch of Agr and Dir of Agr Expt Sta (205-826-4840)

12C F SIMMONS PhD Assoc Dean of Sch of Agrand Asst Dir of Agr Expt Sta (205-826-4840)

12R D ROUSE PhD Assoc Dir of Agr Expt Sta and Asst Dean of Sch of Agr (205-826-4840)

2T E CORLEY MS Asst Dir for Outlying Units (205-826-4840)

12FRANCES E TIPPINS Fin Asst (205-826-4840)

3FRED R ROBERTSON DrPA Vice Pres for Ext and Dir Coop Ext Serv (205-826-4444)

3R R JONES MS Assoc Dir of Coop Ext Serv (205-826-4957)

3Mrs MARY E COLEMAN MA Asst Dir for Women's Work Coop Ext Serv (205-826-4932)

3W H TAYLOR EdD Asst Dir Coop Ext Serv (205-826-4932)

3H M WARREN EdD Asst Dir Coop Ext Serv (205-826-4932)

123W T INGRAM Treas and Bus Mgr (205-826-4600)

Agreeomy and Soils

12L E ENSMINGER PhD Prof and Head of Dept (205-826-4100)

12FRED ADAMS PhD Prof Soil Chem

30 N ANDREWS MS Agron

2A C BENNETT PhD Asst Prof Soil Chem

2C D BERRY PhD Asst Prof Plant Brdg

3M D BOND MS Peanut Spec

12G A BUCHANAN PhD Assoc Prof Weed Control

3R A BURDETT Jr MS Agronomist (Seed)

3L J CHAPMAN PhD Cotton Spec

12J T COPE Jr PhD Prof of Soils

12RAY DICKENS PhD Asst Prof Turf Mgt

12E D DONNELLY PhD Prof Plant Brdg

5B D DOSS BS Res Soil Sci (PO Thorsby 35171)

3S M EICH Jr MAgr Spec in Cotton

12C E EVANS PhD Assoc Prof Soil Fert

2E M EVANS MS Assoc Prof Crop Prod

3T B HAGLER PhD Chmn Plant Sci Div 12B F HAJEK PhD Asst Prof Soil Mineral

2DALLAS HARTZOG MS Res Assoc (PO Headland 36345)

3J B HENDERSON PhD Soybean Spec

12A E HILTBOLD PhD Prof Soil Microbiol

1J T HOOD PhD Prof Soils

12C S HOVELAND PhD Prof Crops

5MORRIS HUCK PhD Res Soil Sci

12W C JOHNSON PhD Prof Plant Brdg

25A J KAPPELMAN Jr PhD Res Path

12C C KING Jr PhD Assoc Prof Crops
2J W LANGFORD BS Supt Plant Brdg Unit (PO

Tallassee 36078)

Agronomy and Sails-Continued

3J G LINK MS Agron (PO Box 921 Athens 35611) 5Z F LUND MS Res Soil Sci

2R F MCCORMICK Jr BS Res Assoc

25A C MIXON PhD Res Agron

6P A MOTT MS Agr Meteorologist

2J P PARKS BS Res Assoc

25R W PEARSON PhD Res Soil Sci

2J S RICHBURG MS Res Assoc (P O Camden 36726)

12H T ROGERS PhD Prof Soil Fert 25K M ROGERS BS Asst Res Agron

12C E SCARSBROOK PhD Prof Soil Chem

2G T SHARMAN Jr BS Asst Prof Found Seeds (PO Thorsby 35171)

25RAYMOND SHEPHERD PhD Res Agron

3W F SOWELL PhD Soils Spec

2J J STREET BS Res Agron

12D G STURKIE PhD Prof Emeritus Crops

25H M TAYLOR PhD Soil Phys

2D H TEEM BS Res Assoc

2D L THURLOW PhD Assoc Prof Soil Fert

2G W WARD BS Res Agron

12J I WEAR PhD Prof Soil Chem

Animal Health Research

12N B KING DVM PhD Asst Dean Sch Vet Med, Coord Anim Health Res (205-826-4980)

12H D ALEXANDER PhD Assoc Prof Anim Nutr

12S D BECKETT DVM PhD Assoc Prof Physiol

12G W BENZ DVM PhD Asst Prof Path and Parasitol12A L BRITT DVM PhD Assoc Prof Path and Parasitol

12C H CLARK DVM PhD Prof Physiol and Pharmacol

12G K KIESEL DVM Prof Path

12C S McCAIN DVM MS Asst Prof Microbiol

12C R ROSSI DVM PhD Assoc Prof Path and Parasitol

Animal Science

50

40

12W M WARREN PhD Prof and Head of Dept (205-826-4160)

12W B ANTHONY PhD Prof Ruminant Nutr

2J P CUNNINGHAM MS Res Assoc

3J R DANION MS Anim Husb

12H H DARON PhD Assoc Prof Biochem

3R E DEESE PhD Anim Husb

3J W GOSSETT PhD Chmn Anim Sci Div

12R R HARRIS PhD Assoc Prof Ruminant Nutr

3D B HERD PhD Anim Husb

3T W HIGH Jr PhD Anim Husb

12D L HUFFMAN PhD Assoc Prof Meats

2P M LOWRIE MS Res Assoc

2G B MEADOWS MS Asst Prof Anim Sci 2P F PARKS PhD Assoc Prof and Asst Dean Grad Sch

12T B PATTERSON Jr PhD Prof Beef Cattle and Genet

2B G RUFFIN MS Asst Prof Anim Nutr

12R P SHIELDS DVM MS Assoc Prof Path 12R C SMITH PhD Alumni Prof Biochem and Nutr

12C D SQUIERS PhD Assoc Prof Swine Brdg

12D R STRENGTH PhD Alumni Prof Biochem and Nutr

12H F TUCKER PhD Assoc Prof Swine Nutr 12D M TURNEY MS Assoc Prof Anim Sci

3B L WHITTENBURG MS 4-H Livestock Spec

12E L WIGGINS PhD Assoc Prof Reprod

Botany and Plant Pathology

60

12J A LYLE PhD Prof and Head of Dept (205-826-4830)

12M C CARTER DF Alumni Assoc Prof Plant Phys 12E M CLARK PhD Assoc Prof Bot

12E A CURL PhD Prof Plant Path

12D E DAVIS PhD PedD Alumni Prof Bot

12N D DAVIS PhD Prof Bot

60-130 ALABAMA

Botany and Plant Pathology-Continued	Editorial—Continued	
12T C DAVIS PhD Asst Prof Path	3V C BICE MAgr Radio and TV Ed	
12U L DIENER PhD Prof Plant Path	123TRUDY CARGILE Ed New Bur	
3L J FARRAR PhD Plant Path and Nematol	3W K CHENEY BAA Art Ed	
1J D FREEMAN PhD Asst Prof Bot	3K J COPELAND MAgr News Ed	
IW E GOSLIN PhD Asst Prof Bot 12R T GUDAUSKAS PhD Prof Plant Path	2J D HARWOOD BS Asst Agr Ed	
2W D KELLEY MS Res Assoc	123JOHNNY MATTHEWS BS Asst Ed Univ Relat	
12ELIZABETH L KLEPPER PhD Asst Prof Bot	3CECIL MAYFIELD MAgr 4-H Ed 3J L PARROTT BS Agr Ed and Dir Ext Inform	
12A J LATHAM PhD Asst Prof Plant Path	12K B ROY BJ Editor Emeritus	
IN L MARSHALL PhD Prof Bot	3J D SMITH BA News Ed	
1W H MASON EdD Asst Prof Coord Gen Biol	2R E STEVENSON BS Assoc Agr Ed	
12R M PATTERSON PhD Prof Biomet	3W L STRAIN MEd News Ed	
5R V REBOIS AB Nematol	123J H WHITE BS Dir Univ Relat	
12RODRIGO RODRIGUEZ-KABANA PhD Alumni Assoc	3G E WILLIAMS BS Vis Ed	
Prof Plant Path		
1W A SHANDS MS Asst Prof Bot		
2F J SUBIRATS MS Res Assoc	Education (Agr and Home Econ)	110
12BRYAN TRUELOVE PhD Assoc Prof Bot	1R W MONTGOMERY PhD Head of Dept (205-826-	
	4431)	
Dairy Science 80	1R A BAKER PhD Asst Prof Agr Educ	
124K M AUTREY PhD Prof and Head of Dept (205-826-	1D N BOTTOMS MS Assoc Prof Agr Educ	
4020)	1BPDILWORTH AA Cert Dist Supvr of Vocat Agr	
12R Y CANNON PhD Prof Dairy Technol	IV S EADDY Asst Prof Vocat Educ	
12G E HAWKINS PhD Prof Nutr 3R S JONES Jr BS Dairyman	1Mrs ISABEL SENSMINGER MS Asst Prof Home Econ Educ	
12J A LITTLE MS Instr Dairy Sci	1T L FAULKNER MS State Supvr of Agr Educ (PO	
12T A McCASKEY PhD Asst Prof Food Microbiol	Montgomery 36104)	
3J R PARRISH MS Dairyman	1H W GREEN MS Spec Vocat Agr	
12G H ROLLINS PhD Assoc Prof Dairy Sci	1A H HOLCOMB Jr MS Spec Vocat Agr	
,	1P B HOLLEY MS Dist Supvr Vocat Agr	
Economics (Agr) and Rural Sociology 90	1J C HOLLISMS Dist Supvr Vocat Agr (PO	
12J H YEAGER PhD Prof and Head of Dept (205-826-	Montgomery 36104)	
4800)	1H N LEWIS MS Spec Vocat Agr	
12S C BELL PhD Assoc Prof Farm Mgt	1H T PRUETT MS Assoc Prof Agr Educ	
12J H BLACKSTONE MS Prof Farm Mgt and Resource	1C W REED Spec Vocat Agr (PO Montgomery 36104)	
Econ	1L L SELLERS MS Dist Supvr of Vocat Agr	
3A J BROWN MS Spec in Mktg	1JESMITH MS Dist Supvr V∞at Agr (PO Montgomer	У
3J A BUFORD MS For Prod Mktg and Util Spec	36104)	
3A R CAVENDER PhD Chmn Res Use Div	1GEORGE WHITE Dist Supvr Vocat Agr	
3R R CLARK MS Spec Recreation DevIpmt	1B J YORK MS Dist Supvr Vocat Agr	
12H A CLONTS Jr PhD Asst Prof Resource Econ 12M J DANNER MS Prof Livestock Mktg		
12L S DRISCOLL MS Instr Resource Econ	Engineering (Agr)	120
12J E DUNKELBERGER PhD Assoc Prof Rural Sociol	12F A KUMMER MS Prof and Head of Dept (205-826-	
3J P GIVHAN BS Spec Rural Resource Devlpmt (3038	4180)	
Spring Hill Ave Mobile 36608)	25A C BAILEY PhD Agr Engin	
3M R GLASSCOCK BS Spec in Fruits and Veg Mktg	12C D BUSCH PhD Assoc Prof Soil and Water	
2Mrs RUTH HAMMETT MS Res Assoc	25T W CHAPPELL MS Agr Engin For Engin	
3N R HUDDLESTON PhD Spec in Mktg	25A W COOPER PhD Dir of Natl Tillage Mach Lab	
3P O JOHNSON MAgEd Spec Rural Resource Devlpmt	2W T DUMAS MS Assoc Prof Power and Mach	
3 R F JONES MEd Resource Mgt Spec	2T H EAGAR BS Res Assoc	
3V W LEE MS Spec Poultry Mat Spec	3LAWRENCE ENNIS BS Spec in Soil Engin	
3D A LINTON Jr MS Spec in Livestock Mktg	25W R GILL PhD Soil Sci	
3C L MADDOX MS Spec in Form Mgt	25J G HENDRICK PhD Agr Engin	
12E W MCCOY PhD Asst Prof Farm Mgt and Resource	12R E HERMANSON PhD Asst Prof Soil and Water 12J L KOON PhD Asst Prof	
Econ	120 F LALOR PhD Asst Prof Power and Mach	
3C H McDANIEL MS Resource Mgt Spec 3L W ROBERTS MS Spec Farm Mgt (PO Box 921 Athens	25M L NICHOLS PhD Collab	
35611)	3CHARLES OGBURN MS Spec Agr Engin	
3C H SEGREST MS Spec Rural Resource Devlpmt (PO	250 C PRATHER MS Elec Engin	
Box 38 Tuscaloosa 35401)	25C A REAVES PhD Agr Engin	
3D B SMITH MS Spec Farm Mgt	12E S RENOLL MS Assoc Prof Power and Mach	
12J L STALLINGS PhD Assoc Prof Farm Mgt	12E W ROCHESTER PhD Asst Prof Soil and Water	
3CU STOREY MAgr Spec Rural Resource Devlpmt (PO	2C A ROLLO MS Assoc Prof Elec Power and Proc	
Box 688 Ozark 36360)	25R L SCHAFER PhD Agr Engin	
3H B STRAWN PhD Resource Devlpmt Econ	12D M SMITH BS Agr Engin Field Supt	
3M B TIDWELL MAgr Spec Rural Res Devlpmt (PO Box	12C M STOKES MS Assoc Prof Power and Mach 25H T TAYLOR Jr BS Proj Ldr for For Engin	
983 Selma 36701) 12C L VANLANDINGHAM PhD Asst Prof Rurai Soc	25H TAYLOR FROM Engin	
12MORRIS WHITE PhD Prof Prices and Poultry Mktg	25 A C TROUSE Jr PhD Soil Sci	
3W R WILLIAMS MS Spec Form Mgt (PO Box 921 Athens	3HAROLD WATSON MS Spec Agr Engin	
35611)	•	
12L E WILSON PhD Prof Dairy Mktg		
3W E WILSON MAgr Spec Rural Res Devlpmt (PO	Extension Administration	130
Ashland 36251)	3F R ROBERTSON DrPA Vice Pres for Ext and Dir	
	Coop Ext Serv	
Editorial 100	3Mrs MARY E COLEMAN MA Asst Dir for Women's	

Work

3W B HILL PhD Asst to Dir

2F. L. McGHAW MS - Head of Dept and Agr Ed (205-826-4877)

130-160

ALABAMA Extension Administration-Continued Forestry-Continued 3R C HORN MS Head Mgt Serv 12T C DAVIS Jr PhD Asst Prof For Path 3R R JONES MS Assoc Dir 12L E DeBRUNNER DE Asst Prof Silvic 3R L SHERER MS Coord for Cont Educ 3W H TAYLOR EdD Asst Dir 3H M WARREN EdD Asst Dir 2G I GARIN PhD Prof Silvic and For Mgt 2J F GOGGANS PhD Prof For Genet and Wood Anat 2J W GOODING BS Res Assoc 3J H WHITE BS Dir Univ Relat 12E J HODGKINS PhD Prof Silvic 12E W JOHNSON PhD Prof For Mensuration and **Extension Supervision** 133 Photogram 3J C BULLINGTON BS Dist Ext Chmn 12H S LARSEN PhD Assoc Prof Silvic and Dendrol 3A R CAVENDER PhD Chmn Res Use Div 2K W LIVINGSTON MF Asst Prof For Mgt 3C G DAVIS MAgr Dist Prog Spec 2E S LYLE Jr PhD Asst Prof For Soils 3S L DAVIS MS Dist Ext Chmn 3J W GOSSETT PhD Anim Sci Div Chmn 2K D LYNCH MS Res Assoc 12H G POSEY MS Assoc Prof Farm For and For Pol 3T B HAGLER PhD Plant Sci Div Chmn 12S I SOMBERG DF Assoc Prof For Econ 2G E THOMAS MS Res Assoc 3MARY HULSEY MA Assoc Dist Ext Chmn 3EUNICE IVEY MS Assoc Dist Ext Chmn 3L H WADE MS Ext For 3WORTH LANIER DVM Chmn Environ Health Div 2S D WHIPPLE MF Assoc Prof For Mgt (PO Fayette 3T W LUMPKIN BS Dist Ext Chmn 35555) 3LUCILLE MALLETTE MS Assoc Dist Ext Chmn 2H J YOUNG BS Res Assoc (PO Fayette 35555) 3J A MARABLE MS Dist Prog Spec 3H H MARKS MAg Dist Prog Spec Home Economics Research (Coop with Sch of Home 150 3G D H McMILLAN BS Dist Ext Chmn Econ) 3Mrs PATTY PARKMAN BS Assoc Dist Ext Chmn 12Mrs NORMA H COMPTON PhD Head of Dept and Dean 3JOHN L PARROTT MS Chmn Ext Inform of School of Home Econ (205-826-4790) 3E O STRICKLAND MAgEd Dist Prog Spec 12Mrs ELIZABETH Y DAVIS PhD Prof and Coord of Res 12JUDY A DRISKELL PhD Asst Prof Nutr and Foods Extension (Home Economics) 134 12RUTH GALBRAITH PhD Prof and Head Text and Cloth 3Mrs MARY E COLEMAN MA Asst Dir for Women's 12Mrs SUE B MORTON PhD Assoc Prof Cloth and Text Work 12J W MAXWELL PhD Assoc Prof and Head Farm and 3ELIZABETH BRYAN MS Ext Econ-Home Mgt Child Devlomt 3Mrs LENA CANNON MS Spec in Home Econ 12Mrs MILDRED S VAN de MARK MS Prof and Head 3ISABELLE DOWNEY MS Spec in Food Preserv Foods and Nutr 3BARBARA A FITE MS Spec in Human Devlpmt 3Mrs BETTY B HOLLEY MS Spec—Educ Methods Home Economics, School of 160 12Mrs NORMA H COMPTON PhD Dean of School 12Mrs ELIZABETH Y DAVIS PhD Prof and Coord of Res 3Mrs VIRGINIA H MARABLE BS Asst Spec-Educ Methods 3DOROTHY OVERBEY BS Spec in Consum Educ 3BARBARA A OWENS BS Spec-Educ Methods 1Mrs MALLETTE GOGGANS MHE Asst to Dean 3ALICE PEAVY MA Spec in Home Furn CONSUMER AFFAIRS 3FARISS PRICKETT MS Spec in Foods and Nutr 12Mrs RUTH GALBRAITH PhD Prof Cloth and Text and 3RUTH RIVERS MA Spec-Community Health Educ Head of Dept 3Mrs GENTA'S SPEAKMAN MS Spec-Housing and Equip IMARY CATHERINE CLEM MS Asst Prof Housing and 3KATHLEEN THOMPSON MS Spec in Cloth Eguip 3Mrs CLEOS WALKER MS Spec in Cloth 12Mrs NORMA H COMPTON PhD Dean and Prof 1HELEN DOUTY PhD Assoc Prof Cloth and Text 1Mrs JANE LORENDO MA Asst Prof Relat Arts Extension (4-H and Older Youth) 135 3T R AGNEW MEd 4-H Spec ISUSAN MERKEL MS Instr Cloth and Text 3ANN BARR BS State 4-H Ldr for Girls 12Mrs SUE B MORTON PhD Assoc Prof Cloth and Text 3BERTHA M JONES MEd 4-H Spec 1Mrs MARY ANN POTTER MHE Instr Housing and Home 3H E LOGUE MS State 4-H Club I.dr Furn 1LILLY H SPENCER MS Assoc Prof Cloth and Text Fisheries and Allied Aquacultures 1KENNETH H WEAVER MFA Asst Prof Relat Arts 12H S SWINGLE ScD Proi Fisheries and Head of Dept (205-826-4786) FAMILY AND CHILD DEVELOPMENT 12RAY ALLISON PhD Assoc Prof Parasitol 12JOSEPH W MAXWELL PhD Assoc Prof and Head of 27J M BARKULOO MS Asst Ldr Coop Fish Res Unit Dept 2WILLIAM D DAVIS PhD Assoc Prof Fisheries 1Mrs HAZALENE BELLANTE PhD Asst Prof Fam and 12J S DENDY PhD Prof Invert Zool and Limnol Child Devlpmt 2N B JEFFREY PhD Asst Prof Fisheries 1Mrs ALVA CURRENT-GARCIA MS Asst Prof Fam and 2J M LAWRENCE PhD Prof Fisheries (Aguatic Weeds) Child Devlpmt 2R T LOVELL PhD Assoc Prof Fisheries 1Mrs MARJORIE HINTON MS Asst Prof Fam and Child 2D D MOSS PhD Assoc Prof Fisheries Devlomt 2G B PARDUE PhD Asst Prof Fisheries 12Mrs NORMA G HODSON PhD Prof Fam and Child 2J A PLUMB MS Res Assoc Devlpmt 12E E PRATHERMS Assoc Prof Fisheries 1Mrs FERRELL HORN MEd Asst Prof Fam and Child 27J S RAMSEY PhD Ldr Coop Fish Res Unit and Devlpmt Ichthyol 1Mrs MARY LAYFIELD EdD Ass∞ Prof Fam and 2W A ROGERS PhD Asst Prof Fisheries Child Devlpmt 12E W SHELL PhD Prof Fish Nutr 1Mrs MARY LYNN PORTER MS Instr Fam and Child 2R O SMITHERMAN PhD Asst Prof Fisheries

Forestry 140

12W B DeVALL MS Prof and Head of Dept (205-826-

4050)

12H O BEALS PhD Assoc Prof Wood Technol

12E J BIBLIS PhD Assoc Prof Wood Technol

12M C CARTER DF Alumni Assoc Prof Tree Physiol

2Y M CHIU MS Res Assoc

1H E CHRISTEN PhD Prof For Mat

NUTRITION AND FOODS

Deviont

Devlomt

12Mrs MILDRED S VAN deMARK MS Prof and Head of Dept

1Mrs MARIAN F CHASTAIN PhD Assoc Prof Nutr and Foods

INORMA L THOMPSON PhD Asst Prof Fam and Child

12Mrs ELIZABETH Y DAVIS PhD Prof Nutr and Foods

ALABAMA 160-210

Home Economics, School of-Continued

1JUDY A DRISKELL PhD Asst Prof Nutr and Foods 1Mrs KATHRYN S RUSH MS Asst Prof Nutr and Foods and Dir Food Serv

1Mrs SARAH S STRAWN MS Instr Nutr and Foods 1Mrs VIRGINIA WHITE MS Assoc Prof Nutr and Foods 1BETTY A WHITTLE PhD Asst Prof Nutr and Foods

170 Horticulture

12D Y PERKINS PhD Prof and Head of Dept (205-826-4862)

12H J AMLING PhD Prof Pomol

3JOHN BAGBY BS Spec in Com Hort 2H M BRYCE BS Field Supt

120 L CHAMBLISS PhD Assoc Prof Veg Crops

2W H GREENLEAF PhD Prof Veg Brdg

12HUBERT HARRIS MS Assoc Prof Food Tech 12C L ISBELL PhD Prof Emeritus 2W A JOHNSON MS Asst Prof Veg Crops

2Mrs KAREN A MARCUS BS Res Assoc

12W C MARTIN Jr BS Instr Ornam Hort

1J C MOORE MS Asst Prof Pomol 12J D NORTON PhD Assoc Prof Veg Crops

12H P ORR PhD Prof Ornam Hort

3CARL PARKER BS Spec Hort Prod (PO Box 597

Fort Payne 35967)

12K S RYMAL MS Asst Prof Food Technol

12K C SANDERSON PhD Assoc Prof Ornam Hort 3R L-SHUMACK MS Spec in Ornam Hort

3P M SMITH MS Spec in Com Hort

2J L TURNER MS Res Assoc

12L M WARE MS Prof Emeritus

Library 180

12C H CANTRELL PhD Dir of Libr and Prof 12NICHOLAS ACHEE Jr MSLS Head of Sci and Tech Div and Asst Prof

12Mrs CAROLINE C PERSONS BSLS Sci-Bibliographer and Asst Prof

Outlying Units

185

Black Belt Substation (PO Marion Junction 36759)

2L A SMITH BS Supt

2H W GRIMES Jr MS Asst Supt

Brewton and Monroeville Experiment Fields (PO Brewton 36426)

2E L CARDEN BS Supt

Chilton AreaHort Substation (PO Clanton 35045)

2C C CARLTON BS Supt

2K C SHORT BS Asst Supt

Gulf Coast Substation (PO Fairhope 36532)

2H F YATES BS Supt

2J E BARRETT Jr BS Asst Supt

2N R McDANIEL MS Asst Supt

Lower Coastal Plain Substation (PO Camden 36726)

2LAVERN BROWN BS Supt

2W E FOWLER BS Asst Supt 2W J WATSON BS Asst Supt

North Ala Hort Substation (PO Cullman 35055)

2M H HOLLINGSWORTH BS Supt

Ornamental Hort Field Station (PO Box 8276, Spring Hill Sta Mobile 36608)

2R L SELF PhD Plant Path

2N A DRISKELL BS Asst Supt

Piedmont Substation (PO Camp Hill 36850)

ZE L MAYTON MS Supt

2ELLIS BURGESS BS Asst Supt

Prattville and Tuskegee Experiment Fields (PO Prattville 36067)

2F T GLAZE BS Supt

Sand Mountain Substation (PO Crossville 35692)

2S E GISSENDANNER BS Supt

2J T EASON BS Asst Supt

Tennessee Valley Substation (PO Belle Mina 35615)

2J K BOSECK BS Supt

Outlying Units-Continued

2W B WEBSTER BS Asst Supt

Upper Coastal Plain Substation (PO Winfield 35594)

2R A MOORE Jr MS Supt

2B J WA LLACE BS Asst Supt

Wiregrass Substation (PO Headland 36345)

2C A BROGDEN BS Supt

2H W IVEY BS Asst Supt

2J G STARLING BS Asst Supt

Poultry Science

190

12C H MOORE PhD Prof and Head of Dept (205-826-4133)

12R N BREWER PhD Asst Prof Path

3B B BURNETT PhD Ext Poultryman

2Y CHO PhD Asst Prof Path

12G H COTTIER DVM MA Prof Path

12S A EDGAR PhD Prof Path
12J G GOODMAN MS Assoc Prof Poultry Mktg

12L W JOHNSON PhD Assoc Prof Immunogenet

3WILSON LEE MS Spec in Poultry Mktg

12G R McDANIEL PhD Assoc Prof Physiol

12E C MORA PhD Prof Microbiol 3C F THOMAS MS Poultry Spec

Research Data Analysis

200

12R M PATTERSON PhD Prof Biomet

2B F ALVORD MS Prof Emeritus

2W H HEARN BS Syst Anal

2J A McGUIRE PhD Asst Prof Biomet

Veterinary Medicine, School of

210

1JE GREENE DVM MS Dean of Sch (205-826-4546)
1R A ALBERT DVM MS Asst Prof Surg and Med

(Small Anim)

12H D ALEXANDER PhD Assoc Prof Physiol and Pharmacol

13J L ALLEY DVM Lect Microbiol, Ext Vet 1Mrs MARIE H ATTLEBERGER DVM MS Assoc Prof Microbiol

1J E BARTELS MS Asst Prof Sect On Radiol 12S D BECKETT PhD Assoc Prof Physiol and Pharmacol

12G W BENZ PhD Asst Prof Path and Parasitol

1J G BORING DVM Instr Section on Radiol

1J A BOTTA PhD Asst Prof Physiol and Pharmacol

12A L BRITT PhD Assoc Prof Path and Parasitol

1L A BRITT DVM Instr Surg and Med (Large Anim)
1M J BURNS PhD Prof Physiol and Pharmacol

1C C CHRISTENBERRY DVM BS Lect Microbiol

12C H CLARK PhD Prof and Head Physiol and Pharmacol

1R M CODY PhD Assoc Prof Microbiol

1J R CRUM DVM Instr Anat and Histol

IL R DAVIS PhD Res Lect Path and Parasitol

1D L DIAMOND DVM Asst Prof Path and Parasitol

1G G DOERING DVM MS Asst Prof Surg and Med (Small Anim)

1H N ENGEL Jr DVM Instr Anat and Histol

1J V ERNST PhD Res Lect Path and Parasitol

IR M EVERETT DVM Instr Surg and Med (Small Anim)

1J C FRANDSEN PhD Res Lect Path and Parasitol

1J B GATES DVM Instr Surg and Med (Large Anim) IW J GIBBONS DVM MS Prof Surg and Med (Large Anim)

1H D GILES PhD Asst Prof Path and Parasitol

1A H GROTH Jr MS Prof and Head Path and Parasitol 1Mrs JUDITH M GUENTHER MS Instr Anat and Histol

1G H HANKES PhD Asst Prof Surg and Med (Small Anim)

1B F HOERLEIN PhD Prof and Head Surg and Med (Small Anim)

1E J HOFF DVM MS Assoc Prof Path and Parasital

1C L HOLLOWAY DVM MS Prof and Head Anat and Histol

IR D HORNE DVM MS Prof Surg and Med (Small Anim)

1R S HUDSON DVM Asst Prof Surg and Med (Large Anim)

IC W JAMES DVM Asst Prof Anat and Histol

IW E JENNINGS DVM Prof Microbiol

1J H JOHNSON DVM Assoc Prof Surg and Med (Large

Veterinary Medicine, School of-Continued

1Mrs VIRGINIA C KELLEY PhD Instr Microbiol 1H A KJAR DVM Assoc Prof Surg and Med (Large Anim)

12G K KIESEL DVM Prof Surg and Med (Large Anim) 12N B KING PhD Asst Dean and Coord for Anim Health Res

1L M KRISTA PhD Asst Prof Anat and Histol 13WORTH LANIER DVM Chmn Environ Health
1J L LEONARD III DVM Instr Surg and Med (Small

Anim)

12C S McCAIN DVM MS Asst Prof Microbiol
1J C McKIBBEN PhD Assoc Prof Anat and Histol

1W R MILLER PhD Assoc Prof Microbiol
1J L MILTON DVM Instr Surg and Med (Small Anim)

1J E NEAL DVM MS Prof Microbiol

1W M PEDERSOLI PhD Asst Prof Physiol and Pharmacol

1R D POWERS PhD Assoc Prof Path and Parasitol
1R W REDDING PhD Prof Physicl and Pharmacol

1T M REYNOLDS DVM Instr Anat and Histol

1C S ROBERTS DVM MS Prof Path and Parasitol and Asst State Vet

1B T ROBERTSON DVM MS Asst Prof Physiol and Pharmacol

12C R ROSSI PhD Assoc Prof Path and Parasitol

1F G SCHELL DVM. Prof and Head Surg and Med (Large Anim)

1E A SCOTT DVM Instr Surg and Med (Large Anim)

1R P SHIELDS DVM MS Assoc Prof Path and Parasitol

IM H SIMS MS Instr Physiol and Pharmacol

1P H SMITH DVM Instr Microbiol

1S F SWAIM DVM Res Asst Surg and Med (Small Anim)

1PATRICIA A TEER DVM MS Asst Prof Path and Parasitol

14D F WALKER DVM Prof Surg and Med (Large Anim)

1A M WIGGINS DVM MS Prof Surg and Med (Large Anim)

1G R WILT MS Asst Prof Microbiol

1J K WINKLER DVM Assoc Prof Surg and Med (Large Anim)

Zoology-Entomology

220

12F S ARANT PhD Prof and Head of Dept (205-826-4850)

3G T BALCH MAgr Spec Pesticide Educ

3J W BARNETT PhD Ext Ent

34C T BASKIN MAgr Spec Pesticide Educ

12M H BASS PhD Prof Ent and Zool

12R S BERGER PhD Prof Ins and Mammal Toxicol

1G H BLAKE Jr PhD Prof Entomol and Apic

12M K CAUSEY PhD Asst Prof Wildlife

12H B CUNNINGHAM PhD Assoc Prof Basic Ent and Syst

12J 3 DENDY PhD Prof Invert Zool and Limnol 1C F DIXON PhD Assoc Prof Parasitol

1J L DOBIE PhD Asst Prof Vert Zool

1J L DUSI PhD Prof Mammalogy and Ornithol

3JOHN ELLIOTT MAgr Spec Pesticide Educ

12P M ESTES PhD Asst Prof Ent and Bionomics

12F R GILLILAND PhD Asst Prof Ins Behavior Cotton Ins

1F E GUYTON MS Prof Emeritus Econ Ent and Apic 12J D HARPER PhD Asst Prof Ent

12K L HAYS PhD Prof Ecol and Med Entomol 27E P HILL MS Asst Ldr Wildlife Res Unit

12L L HYCHE MS Assoc Prof For Entomol 12W D IVEY PhD Assoc Prof Embryol and Genet

3E F KENNAMER MS Spec in Wildlife
12J E KENNAMER PhD Asst Prof Wildlife

12C A KOUSKOLEKAS PhD Asst Prof Ins Biol and Control

1Mrs FAYE B LAWRENCE MS Asst Prof Zool

3R J LEDBETTER PhD Ent

IM E. LISANO PhD Asst Prof Physiol and Endocrinol

1W H MASON EdD Asst Prof Zool Ecol

3H P McQUEEN BS Surv Ent

1R H MOUNT PhD Assoc Prof Herpetol and Vert Zool 1KENNETH OTTIS PhD Prof Physiol and Endocrinol

IA M PEARSON PhD Prof Wildlife IT M PULLEN Jr PhD Asst Prof Zool

Zoology-Entomology-Continued

27J S RAMSEY PhD Assoc Prof Ichthyol 27D W SPEAKE PhD Ldr Coop Wildlife Res Unit Wildlife Ecol 1L R VALCOVIC MS Asst Prof Zcol 1J E WATSON MS Asst Prof Genet 1JANE A WILSON PhD Asst Prof Zool

Alabama Agricultural and Mechanical University, Normal 35762 (205-859-0800)

1College Staff

4Leave of Absence

250

R D MORRISON PhD Pres of Univ (205-859-0800) HENRY PONDER PhD Vice Pres Acad Affairs (205-859-0800)

L W BONNER EdD Dean Sch of Grad Studies (205-859-0800)

WINFRED THOMAS PhD Dean Sch of Agr and Environ Sci (205-859-0800)

Agriculture and Environmental Sciences

IWINFRED THOMAS PhD Dean Sch of Agr and Environ $S_{C}i$

IW E BOOKER MS Asst Prof Anim Hush IR R BRADFORD PhD Assoc Prof Soil Sci INIMROD COBB MEd Assoc Prof Agr Educ 1L L CRUMP MS Asst Prof Agr Engin 1J I DAWSON PhD Assoc Prof Agr Educ Tehr Trnr 1M A HASHIMI PhD Assoc Prof Environ Sci 1W M JOHNSON MS Asst Prof Poultry 1H W JOYNER MS Assoc Prof Hort

1PRINCE PREYER MEd Asst Prof Aur Engin 1S G REDDY PhD Assoc Prof Food Sci 1G C SHARMA PhD Assoc Prof Hort

Biological Sciences

254

IVM CHAMBERS PhD Dean Sch of Arts and Sci 1GEORGE GRAYSON MS Instr Biel IS W HEREFORD III MD Prof Biol 1Mrs ALICE C JENKINS PhD Assoc Prof Biol IBS MANGAT PhD Assoc Prof Biol IMOTI PINJANI PhD Assoc Prof Biol

Chemistry

256

1B T WHITE PhD Prof Chem Acting Chann of Dept 1G B BASS PhD Prof of Chem 1Mrs LIBBY CHOW PhD Assoc Prof Chem 14R A EVANS MA Asst Prof Chem 1W C FARRAR PaD Prof Chem IM C MANGER PhD Assoc Prof Chem

Home Economics

258

1Mrs ABIGAIL K HOBSON PhD Dean Sch of Home Econ 1MOZELLE J DAVIS MS Asst Prof Home Econ 1Mrs DORIS JOHNSON MS Instr Home Econ 1Mrs ALPHA H JONES PhD Prof Home Econ 14Mrs MINNIE W KYLEMS Asst Prof Home Econ 1Mrs ELIZA P PATTON MA Asst Prof Home Econ 1Mrs MARJORIE J WADDELL PhD Prof Child Devlpmt

ALASKA

Departments of Agriculture and of Home Economics and the Cooperative Extension Service and the Alaska Agricultural Experiment Station of the University of Alaska, College 99701

1College Staff 2Station Staff 3Extension Staff 5Coop USDA 9A-TR, M-S Program

260

1W R WOOD PhD Pres of Univ (907-479-7311) 19K M RAE PhD Vice Pres Res (907-479-7314) 2H F DRURY PhD Dir of Sta (PO College) (907-479-6431, 6429) 1A B FROL MBA Assito the Compt in Chg of Res

(907-479-7302)

Extension Administration (PO College) (907-479-6471) 270

13A S BUSWELL PhD Dir Ext

3A R CARLSON MS Assoc Prof Farm and Home Structures
3J W MATTHEWS MS Assoc Dir
3H D SANDBERG MS Assoc Prof State 4-H and Youth Prog Ldr

3AGNES SUNNELL MS Assoc Prof State Home Econ Ldr

Home Economics (Behavioral Sci and Educ) (PO College) (907-479-7545)

280

1ANN L WALSH MS Assoc Prof and Dept Head Mrs SALLY WELLMAN MA Asst Prof Home Econ IMIC JEWEL BISMITH MA Asst Prof Text and Cloth

Alaska Agr Expt Sta

Station Administration (PO Palmer) (907-745-3110) 290

2H F DRURY PhD Dir of Sta (PC College) (907-479-6429, 6431)

2C ELOGSDON PhD Assoc Dir (PO Palmer) (907-745-3239)

2L E CAVASOS MS - Mgr Col Fam. (PO College)

2S H RESTAD MS Exec Off

Research Staff

300

2L D ALLEN BS Asst Agr Engin

2C I BRANTON BS Agr Engin

2A L BRUNDAGE PhD Prof Anim Husb

2W E BURTON Pr.D. Assoc Prof Agr Econ (PO College)

5C H DEARBORN PhD Assoc Prof Hort

20 H DINKFL PhD Assoc Prof Plant Physiol (PO Collede,

5L J KLEBESADEL Pr.D Prof Agron.

5% M LAUGHLIN PhD Prof Solls

2J R LITEKLEY BS Assoc Riol and Off in Ong (PO Petersburg)

2C E LOGPION PLD | Prof Flunt Path and Alisco Dir

5C F MARSH MS - Assoc Prof F will Min

5P F MARTIN MA Ass: Prof Scil.

2W W MITCHELL PhD Assuc Frof Auron

5R L TAYLOR MS Assoc Prof Agren

5R H WASHBURN PhD Assoc Prof Ent 2F J WCODING PhD Assoc Prof Agron (PO College)

ARIZONA

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of The University of Arizona, Tucson 85721 (Main tel 602-884-2751)

2Station Staff **3**Fixtersion Staff 1College Staff 4Lerve of Ansence 5Coop US: A 9A-TR, M-S Program

123R A HARVILL PhD Pres of Univ (602--884-2211) 12311 E MY ERS PhD Dean of Col of Agr (602-884-2711)

129R K FREVERT PLD Dir of Sta (602-884-2711)

12Mrs RUTH C HALL PhD Dir of Sch of Home Econ (602-884-2310)

136 E HULL, PhD Dir of Agr Ext Serv (602-884-2711)

12D F McALISTER PhD Asst Dir of Sta (602-884-2711)
12D S METCALFE PhD Dir of Res Instr and Asst Dir of Sta (602-884-2711)

IK R MURPHY BS Vice Pres for Bus Affairs and Treas (602-884-1551)

1E N WISE PhD Coord of Res for Univ (602-884-3511)

Agronomy

320

12M A MASSENGALE PhD Prof Agron and Head of Dept (602-884-1945)

5G H ABEL MS Collab Crop Mgt Safflower (PO Mesa) 5m F ARLE MS Collab Weed Control (PO Phoenix)

12R F. BRIGGS PnD Prof Crop Mgt Cotton

5B B BUCK BA Collab Tech Safflower Invest

12D R BUXTON PhD Asst Prof Cetton Physiol

2F M CARASSO MS Asst in Res Field Crops (PO Yuma)

12A D DAY PhD Prof Small Grain Brdg

13R E DEMNIS PLD Prof Ext Field Crops

124 K DOBBENY PnD Prot Crop Physic!

Agronomy-Continued

5W L EHRLER PhD Collab Plant Physiol (PO Phoenix) 5K E FRY PhD Collab Cotton Physiol (PO Phoenix)

5GENE GUINN PhD Collab Cotton Physiol (PO Phoenix)

12K C HAMILTON PhD Prof Weed Control

3E S HEATHMAN MS Ext Weeds
2E B JACKSON PhD Assoc Agron Crop Mgt (PO Yuma) 5VARON JENSEN PhD Collab Safflower Physiol

5Mrs GRACE E JUENEMAN BS Collab Tech Safflower Physiol

5D L KITTOCK PhD Collab Crop Mgt Cotton (PO Phoenix)

12W R KNEEBONE PhD Prof Grass Brdg

15G M LOPER PhD Assoc Prof Forage Crop Physiol
5J R MAUNEY PhD Collab Cotton Physiol (PO Phoe-

nix)

12D F McALISTER PhD Prof Crop Physiol

2G A MCCOY MS Asst in Res Crop Physiol

2R G McDANIEL PhD Asst Agron Barley Physiol

5J L McMEANS MS Collab Cotton Physiol (PO Phoenix)

12D S METCALFE PhD Prof Forage Crops
2L L PATTERSON MS Res Assoc Crop Mgt Cotton (PO Phoenix)

5L L H PINKUS PhD Collab Cotton Physiol (PO Phoenix)

15R T RAMAGE PhD Prof Genet and Cytol Barley

12D D RUBIS PhD Prof Oilseed Crop Brdg

2R G SACKETT MS Asst Agron Fdn Seeds

5R M SANDSTEDT PhD Collab Cotton Physiol (PO Phoenix)

2A A SCHNEITER MS Asst in Res Forage Crop Physiol

12M H SCHONHORST PhD Prof Alfalfa Brdg

3B B TAYLOR PhD Ext Cotton and Oilseed Crops 2R K THOMPSON MS Res Assoc Field Crops (PO Mesa)

2P A TILT BS Asst in Res Field Crops (PO Yuma)

2V D TROUT BS Asst in Res Alfalfa Genet and Physiol 2Mrs DORIS K WATERWORTH Asst in Agron Fiber

Testing 5JANET L WEBSTER BS Collab Tech Forage Crop

Physiol 5F D WILSON PhD Collab Cotton Genet (PO Phoenix)
15L N WRIGHT PhD Prof Grass Brdg

15L H ZIMMERMAN PhD Prof Oilseed Crop Brdg Safflower

Animal Pathology

330

340

12R E REED DVM Prof Anim Path and Head of Dept (602-884-2355)

12L W DEWHIRST PhD Prof Parasitol

2R D HENDERSHOTT PhD Asst Anim Path Clin Biochem

2SOPHIA B KALUZNIACKI DVM Asst Anim Path Clin Med

2M D MECCA BS Asst in Res Microbiol (PO Mesa)

1W J PISTOR DVM Prof Emer Anim Path
2N W ROKEY DVM Anim Path Diagnostic and Expt Path (PO Mesa)

4J J SHELDON DVM Prof Histopath

2W F SNOW BS Asst in Res Med Tech

2R J TRAUTMAN MS Asst Anim Path Bact

12R E WATTS DVM Prof Clin Med

Animal Science 12BR TAYLOR PhD Prof Anim Sci and Head of Dept

(602-884-1322) 2M E BELLEW Asst in Anim Sci Beef Cattle

2F D DRYDEN MS Res Assoc Meats 12R R FREITAG PhD Asst Prof Anim Nutr

12W H HALE PhD Prof Anim Nutr

2J O KUHN BA Asst in Res Beef Cattle (PO Yuma)
3A M LANE BS Ext Livestock Spec

12J A MARCHELLO PhD Assoc Prof Meats 12D D MCGINTY PhD Asst Prof Anim Nutr

12D E RAY PhD Prof Anim Genet and Physiol

12C B ROUBICEK PhD Prof Anim Genet

12M R SELKE PhD Prof Anim Nutr

2J L SULLIVAN BA Asst in Anim Sci Beef Cattle 1E B STANLEY MS Prof Emeritus

12C B THEURER PhD Assoc Prof Anim Nutr

ARIZONA 350-430

Biochemistry (Agr)	350	State Chemist's Office (PO Mesa)	380
12M G VAVICH PnD Frof Nutr Biochem and Head of		2FLOYD ROBERTS BS State Chem Fert and Pestic	ides
Dept (602-884-1798)			
2Mrs FRANCES A ALMLI BS Asst in Res Agr Bioc	hem	Dairy and Food Sciences	390
2E R ALTENBURGER PhD Res Assoc Organic Che	em	12GH STOTT PhD Prof Dairy and Food Sci and Hea	br
2FLOYD ARMSTRONG Asst in Agr Biochem		of Dept (602-884-1508)	
2C T ASHBY PhD Assoc Agr Biochem Organic Che	m	12W H BROWN PhD Prof Anim Nutr	
12J N BFRRY PhD Prof Organic Chem. and Proteins		12F E NELSON PhD Prof Food Proc	
2MILAN BIER PhD Visiting Res Prof Enzyme Chem	n	12R L. PRICE PhD Asst Prof Dairy Sci	
2Mrs YVONNE R CLARK MS Asst in Res Tissue C	ult	12J D SCHUH PhD Prof Dairy Cattle Mgt	
12A J DEUTSCHMAN Jr PhD Prof Organic Chem and		12J W STULL PhD Prof Dairy Technol	
Carbohydrates and Fats		2R R TAYLOR MS Res Assoc Dairy Proc	
2MARGARET L DOORLY Asst in Res Tissue Cult		3W R VAN SANT BS Ext Dairy Prod	
2D W FAULKNER BS Asst in Res Organic Chem		12T N WEGNER PhD Asst Prof Dairy Cattle Physiol	
2R I R I RANCKI FED Res Assoc Plant Virol		2F M WHITING MS Asst in Res Pesticides	
2A C JACKSON PnD Res Assoc Biochem Genet		Economics (A)	400
12A R KEMMERER PhD Prof Nutr Biochem 12H W KIRCHER PhD Prof Organic Chem and Carboh		Economics (Agr)	400
drates and Fats and Sterols	ıy-	12JSHILLMAN PhD Prof Agr Econ and Head of Dep (602-884-2581)	Jτ
2Mrs MARGARET T MAZUR Asst in Agr Biochem		12R C ANGUS PhD Prof Mktg	
Tirsue Cult		12H W AYER Phd Asst Prof Resource Econ and Mkta	~
12W F McCAUGHEY PhD Prof Nutr Biochem		5R S BOSTER PhD Collab Resource Econ	4
2Mrs BERTHA PAINTER Asst in Agr Biochem Tiss	2110	3C C CABLE Jr PhD Ext Mktg	
Cult	ue	3G W CAMPBELL Jr PhD Ext Public Affairs	
2J L FARSONS MD Visit Res Prof Tissue Cult		12J C DAY PhD Asst Prof Agr Econ	
2HF:LEN V RATAJCZAK MS Asst in Res Tissue Co	11+	3C D EDMOND PhD Ext Farm Mgt	
12ALBERT SIEGEL PhD Prof Plant Genet	41.	12R S FIRCH PhD Assoc Prof Mktg	
2Mrs RUTH C SMITH BS Asst in Agr Biochem		12J L FISCHER PhD Prof Agr Econ	
12Mrs ALICE B STANFIELD MS Assoc Prof Tissue	Cult	12R W FOX PhD Assoc Prof Agr Econ	
2C A L STEPHENS Jr MD Visiting Res Prof Tissue	Cult	2W P GOTSCH MS Res Assoc Resource Econ	
12MILTON ZAITLIN PhD Prof Plant Virol	· our	125R L. GUM PhD Asst Prof and Collab Farm Mgt	
		3SCOTT HATHORN Jr PhD Ext Econ	
		12M M KELSO PhD Prof Land Econ	
Biological Sciences (Bot)	360	2L E MACK PhD Asst Agr Econ	
12N A YOUNGGREN PhD Prof Biol and Head (602-88		12W E MARTIN PhD Prof Farm Mgt	
2715,	•	125H M MAYES BS Asst Prof Statis	
12P G BARTELS PhD Assoc Prof Plant Physiol		12E L MENZIE PhD Prof Mktg and Policy	
5J L GARDNER PhD Collab Ecol		125A G NELSON PhD Prof and Collab Farm Mgt	
2Mr., LEONA M HUBBARD Asst in Bot Plant Taxon		5P F O'CONNELL MS Collab Resource Econ	
12C T MASON Jr PhD Prof Plant Taxon		5C J PALMER MS Collab Nat Resource Econ	
12KAORU MATSUDA PhD Assoc Prof Plant Physiol		5W W PAWSON MS Collab Farm Mgt	
12W S PHILLIPS PhD Prof Plant Anat		2J F RIGGS III BS Agr Statis	
		3C E ROBERTSON BS Ext Econ	
		5D L SHAW MS Collab Agr Mktg	
	370	12T M STUBBLEFIELD PhD Prof Mktg	
12W H FULLER Philipprof AgriCher and Head of		5J M TURNER MS Collab Resource Econ	
Der t (602-884-2258)		12J R WILDERMUTH PhD Asst Prof Furm Mgt	
2J L ABBOTT MS Asst Agr Chem Soil Fert (PO		5C A WILMOT PhD Collab Cotton Mktg	
Phoenix)		- 1	
2W D ACKLEY BS Asst in Res Soil Fert (PO Yuma))		410
12H L BOHN PhD Assoc Prof Soil Chem		23G J GRAHAM MS Chief Ed Agr Inform (602-884-327	′ 9)
1T F BUEHREH Prof Emeritus		23G W ALSTAD MS Ed Agr Inform	
12E W CARPENTER MS Res Assoc Soi. Chem		2JOHN BURNHAM BA Expt Sta Ed	
5L R COOPER Collab Soil Fert		3R G FOWLER BS Ext Inform Spec	
2G E DRAPER BS Asst Agr Chem Soil Chem		3B C NAPIER BA Ext Inform Spec	
12G R DUTT PhD Prof Soil Chem and Water Conserv 12L D EVANS PhD Prof Soil Phys and Chinn of Comm		Education (A a-)	40-
on Hydrol and Water Resources	l		420
on Hydrol and water Resources 2B R GARDNER PhD Assoc Agr Chem Soil Fert		12F G McCORMICK PnD Prof Agr Educ and Head of Dept (602-884-1523)	
(PO Yuma)		12J B HAMIL TON PhD Asst Prof	
5Y H HAVENS BS Collab Soil Classif and Mapping		13G E HULL PhD Prof	
12D M HENDRICKS PhD Asst Prof Soil Genesis		12C O JACOBS EdD Assoc Prof	
5R D JACKSON PhD Collab Soil Phys (PO Phoenix)		13K S OLSON PhD Prof	
12G V JOHNSON PhD Asst Prof Soil Fert		13K S OLSON FILD FIOT	
12A N MACGREGOR PhD Asst Prof Soil Micro			
2T W McCREARY BS Asst in Res Soil Chem		Engineering (Agr)	430
5F A NAKAYAMA PhD Collat. Soil Chem (PO		12K K BARNES PhD Prof Agr Engin and Head of	
Phoenix)		Dept (602-884-2169)	
13M D OPENSHAW PhD Asst Prof Ext Soil Mgt and Fe	ert	5HERMAN BOUWER PhD Collab Soil and Water (PO	
12D F PCST PhD Assoc Prof Soil Mineral		Phoenix)	
12H K QASHU PhD Assec Prof Soil Phys		5K J BRUST BS Collab Soil and Water (PO Phoenix)	
5H A SCHREIBER PhD Collab Soil Mech		12M D CANNON MS Assoc Prof Power and Mach	
2H V SMITH MS Soil Sci Soil Mgt		5D L CHERY MS Collab Soil and Water	
2STANLEY SNITZER BS Asst in Res Soil Fert		2WAYNE CLYMA MS Res Assoc Syst	
12J L STROEHLEIN PhD Assoc Prof Soil Fert		2P R DAVIS BS Asst in Res Soil and Water	
12T C TUCKER PhD Prof Soil Fert		5 L J ERIE MS Collab Soil and Water (PO Phoenix)	
12FRID TURNER Jr PnD Assoc Seil Sei Mgt (PO		12D D FANGMEIER PhD Assoc Prof Soil and Water	
Safford)		5J H FORD BS Collab Elec Power and Proc	
12A W WARRICK PhD Asst Prof Soil Mech		5 G W FRASIER BS Collab Soil and Water (PO	
12R L WESTERMAN Asst Prof Soil Mgt		Phoenix)	

450 Extension Administration Engineering (Agr)-Continued 3G E HULL PhD Dir (602-884-2711) 3A A ALLEN MS Dist Supvr 12R K FREVERT PhD Prof 12K R FROST MS Prof Power and Mach 3L R AMBURGEY PhD Staff Assistant 2W S GOLDTHWAITE BS Asst in Res Power and Mach 3C L EDMOND PhD State Ldr of Com & Res Devlpmt (PO Phoenix) 3H E JONES EdD State Ldr of 4-H Club Work 2RO HAGEMAN Asst in Agr Engin Power and Mach 3C W MARTIN MS State Ldr Home Econ (actg) (PO Mesa) 3K S OLSON PhD State Ldr of Agr 3A D HALDERMAN Engin Ext Soil and Water 3RAY WEICK EdD Dist Supvr 3G P WRIGHT MA Asst to Dir 12B L HARRICTT MS Assoc Prof Power and Mach (PO Mesa) 3W W HINZ BS Ext Power and Mach 440 2W L KERN Asst in Agr Engin Power and Mach Home Economics, School of 12Mrs RUTH C HALL PhD Prof Home Econ and Dir of 12W G MATLOCK PhD Assoc Prof Soil and Water 125L E MYERS MS Prof Soil and Water
5H B OSBORN CE Collab Soil and Water Sch (602-884-2310) 12B L REID PhD Prof and Chmn Div Food and Nutr 1RUTH A ALLEN MS Prof Cloth and Text 5C D OWENS MS Collab Elec Power and Proc 3DAMARIS BRADISH PhD Ext Consumer Educ 2W H PIKE BS Asst in Res 1RALPH CHAVEZ MA Asst Prof Child Devlpmt and 2R C REEDER MS Asst Agr Engin Power and Mach 5K G RENARD MA Collab Soil and Water Fam Relat 12V A CHRISTOPHERSON EdD Prof Child Devlpmt and 5J A REPLOGLE PhD Collab Soil and Water (PO Fam Relat Phoenix) 5R C RICE BS Collab Soil and Water (PO Phoenix)
2T P SPENCE Asst in Agr Engin Soil and Water 1H C DAY MA Asst Prof Relat Arts 1Mrs JEAN R DEES MS Instr Child Devlpmt and Fam Relat 12H N STAPLETON MS Prof Syst 3JUNE C GIBBS MA Ext Nutr 5D F WANJURA MS Collab Syst 12Mrs NANCY A GRAHAM PhD Asst Prof Home Econ 3W T WELCHERT MS Ext Form Structures Educ 12FRANK WIERSMA PhD Prof Farm Structures 1MARTHA HESTER MS Lect Food and Nutr 1J R HINE MS Assoc Prof Child Devlpmt and Fam 440 Entomology 12G W WARE PhD Prof Ent and Head of Dept (602-884-Relat 1Mrs MILDRED R JENSEN MA Prof Relat Arts 11511 12FAYE C JONES MS Prof Housing 5R J BARKER PhD Collab Apic 5A C BARTLETT PnD Collab Cutton Ins (PO Phoenix) 1Mrs BESSIE J KEARNS PhD Assoc Prof Child Devlpmt and Fam Relat 5L A BARIOLA PhD Collab Cotton Ins (PO Phoenix) 12Mrs MARY A KIGHT PhD Assoc Prof Food and Nutr 5D E BRYAN PhD Collab Cotton Ins 12Mrs ANY JEAN KNORR EdD Prof Home Econ Educ 5G C BUTLER Jr PhD Collab Cotton Ins 3Mrs ISABEL LEVY MS Ext Home Furn 2W P CAHILL MS Res Assoc Pesticides 1Mrs NYLDA A LOPEZ PhD Asst Prof Child Devlpmt 12L A CARRUTH PhD Prof Econ Ent and Fam Relat 12L A CROWDER PhD Asst Prof Ins Physiol 1Mrs ALICE B LOWELL MS Prof Fam Econ and Home 5J W DEBOLT MS Collab Veg Ins (PO Mesa) Mat 2BETTY J ESTESEN BS Asst in Ent Pesticides 124Mrs DORIS E MANNING PhD Prof Home Econ Educ 2D G FULLERTON MS Res Assoc Cotton Ins 3Mrs BILLIE F MAUNTEL BS Ext Nutr Asst (PO Phoenix) 3C W MARTIN MS Ext Child Devlpmt and Fam Relat 125R EFYE PhD Assoc Prof and Collab Cotton Ins 1EDNA E PAGE MS Asst Prof Home Econ Educ 12P D GERHARDT PhD Prof Ent Veg Field Crop Ins 3PEGGY H PUTNAM MS Ext Nutr (20 Mesa) 3Mrs HAZEL L ROBERTS MS Ext Cloth and Text 5M A GILLIAM MS Collab Microbiol Apic 12E T SHEEHAN PhD Asst Prof Food and Nutr 2F R HALL BA Res Assoc Pesticides 5M H HAYDAK PhD Collab Apic 5C G JACKSON MS Collab Cotton Ins 34CORINNE I STINSON MS Ext Home Mgt and Home 12Mrs DAWN H TUTTLE PhD Asst Prof Fam Econ and 2P H JOHNSON MS Asst in Res Nonchem Ins Home Mat Control 5J C KELLER MS Collab Cotton Ins (PO Phoenix)
2M L LINDSEY MS Res Assoc Cotton Ins 1MARY A WOOD MS Prof Food and Nutr 1SUSAN E WRIGHT MS Instr Cloth and Text 12MARY J WYLIE MS Asst Prof Cloth and Text 3J EMAY BS Ext Survey Ent (PO Phoenix) 1BARBARA J ZECHES MS Asst Prof Food and Nutr **5**S E McGREGOR MS Collab Apic 5J O MOFFETT MS Collab Apic 3LEON MOORE MS Ext 470 Horticulture 2D P MORGAN MD PhD Epidem Pesticides 12STEVE FAZIOMS Prof Hort and Head of Dept (602-125M W NIELSON PhD Assoc Prof and Collab Forage Ins 884-1628) 2MARTHA L NOLLER BS Asst in Ent Taxon 12W P BEMIS PhD Prof Veg Genet 12W L NUTTING PhD Prof Insect Physiol 2P M BESSEY PhD Assoc Hort Veg Physiol (PO Mesa) 2E H PASCHAL Asst in Ent Pesticides 2M W BRENDLE BS Asst in Res Veg (PO Mesa) 5RAYMOND PATANA BS Collab Cotton Ins 12LELAND BURKHART PhD Prof Citrus Physiol 12F D COLE PhD Asst Prof Landsc Physiol 5H K POOLE PhD Collab Apro 12C C ROAN PhD Prof Pesticides
3J N RONEY PhD Ext (PO Phoenix) 2R E FOSTER II PhD Hort Veg Brdg (PO Mesa) 12G S GREENE BS Prof of Landsc Arch
2D E HARRIS BS Res Assoc Citrus (PO Yuma) 5L W SHEETS Collab Cotton Ins (PQ Phoenix) 5C F SOOHOO PhD Collab Veg Ins (PO Mesa) 2R H HILGEMAN PhD Hort Citrus Physiol (PO Tempe) 5H G SPANGLER PhD Collab Apic 5L N STANDIFER PhD Collab Apic 5ADAIR STONER MS Collab Cotton Ins 124LeMOYNE HOGAN PhD Prof Landsc Physiol 12W D JONES BS Prof of Landsc Arch 2W A KINNISON MS Res Assoc Citrus Physiol 5STEPHEN TABER III BS Collab Apic (PO Tempe) 12D M TUTTLE PhD Prof Ent Acarology Citrus Pests 12J R KUYKENDALL PhD Prof Fruit Physiol (PO Yuma) 3N F OEBKER PhD Ext Veg 5P V VAIL PhD Collab Veg Ins (PO Mesa)
125G D WAILER MS Lect and Collab Apic
12TF WATSON PhD Prof Ent Cotton Ins 2W D PEW PhD Hort Veg Physiol (PO Mesa) 2D R RODNEY PhD Hort Citrus Physiol (PO Yuma) 2G C SHARPLES MS Assoc Hort Biochem (PO Mesa)

2G K TRITZ BS Asst in Res Veg (PO Yuma)

2G P WENE PhD Assoc Ent Urban Ins

12F G WERNER PhD Prof Taxon

121 E RUBRIZZI PID Prof Plant Brds and Head of Dept (603-684-1014) 2W E BRYANDSC Plant Brds Cotton 120 R BUXTON Pib Asst Prof Cotton Brds 3Mrs JEAN L DYKEMAN BA Asst in Plant Brds Piber Testing 5C V FEASTER PID Collab Cotton Genet (PO Phoenix) 12W D FEMER PID Prof Cotton Brds (PO Phoenix) 12W D FEMER PID Prof Cotton Brds (PO Phoenix) 12W D FEMER PID Prof Cotton Brds (PO Phoenix) 12W LOUGT PID Prof State Brds 12L STITH PAD Prof Cotton Brds (PO Phoenix) 12R L VOIGT PID Prof State Brds 12L NIGH J PhD Prof State Brds 12L NIGH J PhD Prof State Brds 12L NIGH J PhD Prof Cotton Genet 12Mrs ALICE M BOYLE PED Prof Soll-borne Dis 12R M ALCORN PED Prof Drof Soll-borne Dis 12R L CALDWELL PID Asst Prof Dis Physiol 12R L CALDWELL PID Asst Prof Dis Physiol 12R L CALDWELL PID Asst Prof Dis Physiol 12R M REINNOLDS PAD Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Prof Momental Prof Late Brds 12D C MAREIX Asst in Res Citrus Dis 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD D Collab Nematol (PO Phoenix) 12R M REINNOLDS PAD C	Plant Breeding 480	Watershed Management Continued
(602-694-014) 26 E BENATON PED Past Bird Cotton Bids 26 E BENATON PED Asset First Cotton Bids 26 BENATON PED Asset First Cotton Bids 26 E BENATON PED Asset First Cotton Bids 27 E PENATER RhD Dollab Cotton Genet (PO Phoenical) 170 D FESTER RhD Dried Cotton Ring (PO Phoenical) 170 D FESTER RhD Pot Cotton Ring (PO Phoenical) 171 D CALIFERT RhD Pot Ring (PO Phoenical) 172 D FESTER RhD Pot Cotton Ring (PO Phoenical) 173 D FESTER RhD Pot Cotton Ring (PO Phoenical) 174 D FESTER RhD Pot Cotton Ring (PO Phoenical) 175 D CALIFERT RhD Pot Ring (PO Ph	•	
28 E BENYANDES Plant Rade Cotton 29 R BENYANDES PLANT LOYKENAND RAD Ast in Plant Bedy 28th JEAN LOYKENAND RAD Ast in Plant Bedy 28th JEAN LOYKENAND RAD Ast in Plant Bedy 28th JEAN LOYKENAND RAD Ast in Plant Bedy 29th JEAN LOYKENAND RAD Ast in Plant Bedy 20 P JEBUER PRD Prof Cotton Bendy 21 LOWER PRD Prof Cotton Bendy 21 LOWER PRD Prof Cotton Bendy 22 LOWER PRD Prof Service Bendy 32 LOWER PRD Prof Service Bendy 33 LOWER PRD Prof Cotton Bendy 34 LOWER PRD Prof Cotton Bendy 35 LOWER PRD Prof Cotton Bendy 36 LOWER PRD Prof Cotton Bendy 36 LOWER PRD Prof Cotton Bendy 37 LOWER PRD Prof Cotton Bendy 38 LOWER PRD Prof Cotton Bendy 39 LOWER PRD Prof Cotton Bendy 30 M ALCON PRD Prof Prof Cotton Bendy 30 M ALCON PRD Prof Cotton Bendy 30 M ALCON PRD Prof Prof Cotton 30 LOWER PRD Prof Cotton 31 LOWER PRD Prof Cotton 30 LOWER PRD Prof Cotton 30 LOWER PRD Prof Cotton 31 LOWER PRD Prof Cotton 32 LOWER PRD Prof Cotton 33 LOWER PRD Prof Cotton 34 LOWER PRD Prof Cotton 35 LOWER PRD Prof Cotton 35 LOWER PRD Prof Cotton 36 LOWER PRD Prof Cotton 36 LOWER PRD Prof Cotton 37 LOWER PRD Prof Cotton 38 LOWER PRD Prof Co		
120 B SUXTON PRD Asset Price Cotton Acts of Paths 125 AL DYKEMAN BA Asset in Plant Bridge Piber Testung Testung Testung 120 P STATES PRD Collab Cutton Genet (PO 121 D FISSERI PRD Prot Cotton Bridge (PO Placents) 122 F H KATTERMAN PRD Asset Price Plant Bridge 20 D MANDERSCHEID BS Asset in Rec Cotton Bridge (PO Placents) 122 F H SASTER PRD Collab Cotton Genet (PO 123 STITIP PRD Prot Cotton Bridge 12. STITIP PRD Prot Cotton Genet 123 F HACINT PRD Prot Cotton Genet 124 F HACINT PRD Prot Cotton Genet 125 F ASSET PRD Prot Plant Poth and Head of Dept 126 M ALLOS PR PRD Prot Plant Poth and Head of Dept 127 M ALLOS PRD PRD Prot Statis Bridge 128 F HACINT PRD Prot Statis Prot Note and Prot Dis 128 F HACINT PRD Prot Cotton Bridge 129 F HACINT PRD Prot Statis Prot Note and Prot Dis 120 F HACINT PRD Prot Statis Prot Note and Sugar- 124 F HACINT PRD Prot Statis Prot Note and Sugar- 125 F HACINT PRD Prot Statis Prot Note and Sugar- 126 F HACINT PRD Prot Statis Prot Note and Sugar- 126 F HACINT PRD Prot Statis Prot Note and Sugar- 126 F HACINT PRD Prot Statis Prot Note and Sugar- 127 F HACINT PRD Prot Statis Prot Note and Sugar- 128 F HACINT PRD Prot Statis Prot Note and Sugar- 128 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note and Sugar- 129 F HACINT PRD Prot Statis Prot Note Asset Prot Prot Statis Prot Note Prot Prot Prot Prot Prot Prot Prot Prot	·	
24 September 25 September 26 September 26 September 27 September 27 September 27 September 28 September 28 September 29 Se		
Testing SOV FEASTER PhD Collab Cotton Genet (PO Discontian) Processing Discontinual Photocotton Bridge (PO Phoeniz) Discontinual Photocotton Bridge (PO Phoeniz) Discontinual Phoeniz Discontinual Pho		
5.0 V PLASTER PAD Collab Cotton Genet (PO Phoenix) 128 D FISHER PAD Prof Cotton Bridg (PO Phoenix) 129 D FISHER PAD Prof Cotton Bridg (PO Phoenix) 120 D FISHER PAD Prof Cotton Bridg (PO Phoenix) 120 D FISHER PAD Prof Cotton Bridg (PO Phoenix) 120 D Phoenix Pad Page Pad Plant Bridg (PO Phoenix) 121 L VIOITO PAD D Prof Sondhar Redg (PO Phoenix) 121 L VIOITO PAD D Prof Sondhar Redg (PO Phoenix) 120 L NIGHT FAD Prof Cotton Bridg (PO Phoenix) 120 L NIGHT FAD Prof Omen Dis 121 L CALDWELL PAD Prof Phoenix Pad Prof Omen Dis 121 L CALDWELL PAD Assor Frof Date Physiol (PO Phoenix) 121 E FI SON MA Assis in Dis Physiol (PO Phoenix) 122 E FI SON MA Assis in Dis Physiol (PO Phoenix) 123 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 124 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 125 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 126 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 127 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 128 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 129 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 120 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 121 F ROTTON PAD Prof Sondhard (PO Phoenix) 122 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 123 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 124 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 125 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 126 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 127 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 128 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 129 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 120 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 121 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 122 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 123 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 124 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 125 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 126 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 127 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 128 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 129 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 120 F RESTRETSON PAD Prof Sondhard (PO Phoenix) 120 F RESTRETSON PAD Prof So	_	
Photonialy Jay R FISHER Ph.D. Prof Cotton Bridg (PO Phoenial) Jay R H KATTERMAN Ph.D. Assoc Prof Plant Bridg ZO MANDERSCHEID BS. Assist in fine Cotton Bridg SEL TURKOTTE Ph.D. Prof Sondam Bridg SEL TURKOTTE Ph.D. Prof Sondam Bridg SEL TURKOTTE Ph.D. Prof Plant Poth and Head of Dept (SO-Wess) JIZE LE NIGGS IN Prof Plant Poth and Head of Dept (SO-Wess) JIZE LE NIGGS IN Prof Plant Poth and Head of Dept (SO-Wess) JIZE LE NIGGS IN Ph.D. Prof Cotton Dis (SO-Wess) JIZE LE NIGGS IN Ph.D. Prof Cotton Dis (SO-Wess) JIZE LE NIGGS IN Ph.D. Prof Dis Resistance JIZE LE NIGGS IN Prof Visus Dis JIZ		
128 IN CREATER PAID Prof Cotton Reing (PC Planenix) 128 IR R (KARTHERMAN PAID Assoc Perof Denis Brog 2 C D MANDERSCHEID BS Asst in Res Cotton Brdg (PC Planenix) 128 INSTRUMENT Phi Prof Cotton Brdg 8 L L STITTI Phi Prof Cotton Brdg 8 L L STITTI Phi Prof Cotton Brdg 9 L L STITTI Phi Prof Cotton Brdg 128 I STITTI Phi Prof Cotton Brdg 128 L STITTI Phi Prof Cotton Brdg 128 L STITTI Phi Prof Cotton Brdg 129 L L STITTI Phi Prof Cotton Brdg 120 L NORTH Phi Prof Cotton Brdg 120 L NORTH Phi Prof Studies Brdg 120 L STITTI Phi Prof Prof Prof Prof Brdg 121 L MAID I Prof Prof Prof Prof Brdg 122 L NORTH Phi Prof Studies Brdg 139 L L STITTI Phi Prof Prof Prof Studies Brdg 130 L R STITTI Phi Prof Prof Studies Brdg 130 L R STITTI Phi Prof Studies Brdg 131 L MAID RAM Asst in Dis Physiol 131 L GL BERTSON Phi Prof Studies Brdg 132 L L SSITTI Phi Prof Studies Brdg 132 L L SSITTI Phi Prof Studies Brdg 134 A GOART SC EAR Also in Physiol 135 L GL BERTSON Phi Prof Studies Brdg 136 L GL BERTSON Phi Prof Studies Brdg 137 L R STITTI Phi Prof Studies Brdg 138 M R LEVNICUS Phi Cotton Phoenixi 139 L R STITTI Phi Prof Studies Brdg 130 L R STITTI Phi Prof Studies Brdg 131 M R STUDIES Phi Prof Studies Brdg 132 L STITTI Phi Prof Studies Brdg 133 M R STUDIES Phi Prof Studies Brdg 134 A GOART SC EAR Also in Physiol 135 L G BRDTSON Phi Prof Studies Brdg 136 L R STITTI Phi Prof Studies Brdg 136 M R STUDIES Phi Prof Studies Brdg 137 L R STUDIES Phi Prof Studies Brdg 138 M R STUDIES Phi Prof Studies Brdg 139 L R STUDIES Phi Prof Studies Brdg 130 L R STUDIES Phi Prof Studies Brdg 131 L R STUDIES Phi Prof Studies Brdg 132 L R STUDIES Phi Prof Studies Brdg 133 M R STUDIES Phi Prof Studies Brdg 134 M R STUDIES Phi Prof Studies Brdg 135 L R STUDIES Phi Prof Studies Brdg 136 L R STUDIES Phi Prof Studies Brdg 137 L R STUDIES Phi Prof Studies Brdg 138 M R STUDIES Phi Prof Studies Brdg 139 L R STUDIES Phi Prof Studies Brdg 130 L R STUDIES Phi Prof S		•
12F B H KATTERMAN PhD Assoc Prof Plent Bridg 2C O MANDEROCREDED BS Assit for Res Cotton Bridg (PO Processor) 12B L MINERAMOTO PhD Assoc Prof Cotton Bridg 12 S STITH PhD EP DE Cotton Bridg 2E S STITH PhD EP DE Cotton Bridg 2E N COMPTING BS Assit in Hes Cotton Genet (PO Plent Published PhD Prof Sorthum Bridg 2M COMPTING BS Assit in Hes Cotton Genet 12D STITH PhD Prof Sorthum Bridg 2M COMPTING BS Assit in Hes Cotton Genet 14D 12D L MIGHT IP DD Prof Sorthum Bridg 12D M ALCORN PhD Prof Sorthum Bridg 12E M ALCORN PhD Prof Sorthum Brid		
2C MANDERSCHEID BS. Asst in Pee Cotton Brdg (PO Phoenist) 2IIIIIDOSH MIRAMOTO PhD Assoc Prof Cotton Brdg SE L TURCOTTE PhD Collich Gotton Genet (PO Phoenis) 12E I VOILTY PhD PO Ford Gotton Brdg SE L TURCOTTE PhD Collich Gotton Genet (PO Phoenis) 12E I VOILTY PhD PO Ford Sordhome Brdg SE L VOILTY PhD PO Ford Sordhome Brdg 12E I VOILTY PhD Pord Ford Miram Brdg 12E I VOILTY PhD Pord Sordhome Dis 12E I VOILTY PhD Pord Offense Dis 12E I RIGHT PhD Pord Ford Soft-bosse Dis 12E I RIGHT PhD Pord Ford Dis 12E I RIGHT PhD	12W D F ISHER PRID Prof Cotton Brdg (PO Phoenix)	
(PO Phoenial) 212 STITH PAD Ford Cotton Bridg 212 STITH PAD Ford Cotton Bridg 212 STITH PAD Ford Cotton Bridg 213 STITH PAD Ford Cotton Bridg 214 SUCCIT PAD Collab (PO Phoenial) 215 L VOICIT PAD Collab (PO Phoenial) 216 L VOICIT PAD Collab (PO Phoenial) 217 BLUNGH IF PAD Pord State in Res Cotton Genet 218 M ALCORN PAD Pord Path Pork and Head of Dept (602-684-1928) 218 M ALCORN PAD Pord Cotton Bridg 218 M ALCORN PAD Pord Cotton Bridg 218 M ALCORN PAD Pord Cotton Bridg 219 M STAN PAD PORD PAD PORD BREASTONES 219 M STAN PAD PORD PAD PORD BREASTONES 219 M STAN PAD PORD PAD PORD BREASTONES 219 M STAN PAD PORD PAD PORD WAS PAD PORD 210 M STAN PAD PORD PAD PORD WAS PAD	12F R H KATTERMAN PhD Assoc Prof Plant Brdg	
1241. STITH PAD Ped Cotton Bridg SEL TURCOTTE PID Colled Cotton Genet (PO Phoenix) 1241. VOIGT PID Prof Sornhum Bridg SEL TURCOTTE PID Colled Cotton Genet (PO Phoenix) 1241. VOIGT PID Prof Sornhum Bridg SEL TURCOTTE PID Colled Cotton Genet 1252. WOIGT PID Prof Sornhum Bridg SEL MIGHT BE Asset in Fire Cotton Genet 1261. MIGHT BE Asset in Fire Cotton Genet 1262. SAMALOR PID Drof Growth Dis 1263. MIGHT BE Drof Prof Dromen Dis 1264. MIGHT BE Drof Common Dis 1264. MIGHT PID Prof Common Dis 1264. MIGHT PID Prof Common Dis 1264. CALDWELL PID Drof Sorl-bosse Dis 1264. CALDWELL PID Asset Prof Dis Physiol 1264. CALDWELL PID Asset Prof Dis Physiol 1264. CALDWELL PID Asset Prof Dis Physiol 1264. MIGHT PID Colled Nemotic (PO Phoenix) 1264. MIGHT PID Prof Prof Sorl-bosse Dis 1264. CALDWELL PID Asset Prof Virus Dis 1265. MIGHT PID Colled Nemotic (PO Vura) 1264. MIGHT PID Colled Nemotic (PO Phoenix) 1264. MIGHT PID Colled Nemotic (PO Phoenix) 1265. MIGHT PID Prof Prof Virus Dis 1266. WEYNOLLS PID Asset Prof Virus and Sugar- 1266. MIGHT PID Prof Prof Virus Dis 1266. MIGHT PID Prof Prof Virus Dis 1267. WEYNOLLS PID Asset Prof Virus and Sugar- 1268. MIGHT PID Prof Prof Virus Dis 1269. WEYNOLLS PID Asset Prof Virus and Sugar- 1269. WEYNOLLS PID Asset Prof Virus and Sugar- 1269. WEYNOLLS PID Prof Wire Prof Sorl-bossed 1270. CARTELLE PID Asset Prof Virus Dis 1271. TOOTAMN PID Asset Prof Virus and Sugar- 1272. WEED TURNED PID Prof Wire Prof Sorl-bossed 1273. MIGHT PID Prof Wire Prof Sorl-bossed 1274. WEED PID Prof Wire Prof Prof Virus Dis 1275. WEED PID Prof Wire Prof Sorl-bossed 1276. WEED PID Prof Wire Prof Prof Virus Dis 1276. WEED PID Prof Wire Prof Sorl-bossed 1276. WEED PID Prof Wire Pid Prof Wire Prof Prof Virus Dis 1276. WEED PID Prof Wire Pid Prof Wire Prof Prof Virus Dis 1277. WEED PID Prof Wire Prof Wire Prof Prof Virus Dis 1277. WEED PID Prof Wire Prof Wire Prof Prof Virus Dis 1278. WEED PID Prof Wire Prof Wire Prof Prof Virus Dis 1279. WEED PID Prof Wire Prof Wire Prof Virus Prof Virus Prof Virus Prof Virus Prof Virus Pr		
121. STITH PRD Prof Cotton Birds SEL TURCOTTE PRD Cold Gotton Genet (PO Phoenix) Phoenix Profit Prof Prof Sorchum Birds 2N CWITTING SS Assar in Res Cotton Genet Plant Parkelsop 122 I. NIGGET PRD Prof Sorchum Birds 2N CWITTING SS Assar in Res Cotton Genet Plant Parkelsop 123 I. ALCORN PRD Prof Omman Dis 124 M. ALCORN PRD Prof Comman Dis 125 M. ALCORN PRD Prof Comman Dis 126 M. ALCORN PRD Prof Comman Dis 127 M. ALCORN PRD Prof Comman Dis 128 M. ALCORN PRD Prof Comman Dis 129 M. BLANK PRD Collab (PO Phoenix) 129 F. BLANK PRD Collab (PO Phoenix) 120 F. BLANK PRD Collab (PO Phoenix) 120 F. BLANK PRD Collab (PO Phoenix) 121 F. BLANK PRD Collab (PO Phoenix) 121 F. BLANK PRD Prof Sollab (PO Phoenix) 122 F. BLANK PRD Prof Sollab (PO Phoenix) 123 F. BLANK PRD Prof Sollab (PO Phoenix) 124 F. BLANK PRD Prof Sollab (PO Phoenix) 125 F. BLANK PRD Prof Sollab (PO Phoenix) 126 F. BLANK PRD Prof Sollab (PO Phoenix) 127 F. BLANK PRD Prof Sollab (PO Phoenix) 128 F. BLANK PRD Prof Sollab (PO Phoenix) 129 F. BLANK PRD Prof Sollab (PO Phoenix) 129 F. BLANK PRD Prof Sollab (PO Phoenix) 120 F. BLANK PRD Prof Sollab (PO Phoenix) 121 F. BLANK PRD Prof Sollab (PO Phoenix) 122 F. BLANK PRD Prof Sollab (PO Phoenix) 123 F. BLANK PRD Prof Sollab (PO Phoenix) 124 F. BLANK PRD Prof Sollab (PO Phoenix) 125 F. BLANK PRD Prof Sollab (PO Phoenix) 126 F. BLANK PRD Prof Sollab (PO Phoenix) 127 F. BLANK PRD Prof Sollab (PO Phoenix) 128 F. BLANK PRD Prof Sollab (PO Phoenix) 129 F. BLANK PRD Prof Sollab (PO Phoenix) 120 F. BLANK PRD Prof Sollab (PO Phoenix) 121 F. BLANK PRD Prof Sollab (PO Phoenix) 122 F. BLANK PRD Prof Sollab (PO Phoenix) 123 F. BLANK PRD Prof Sollab (PO Phoenix) 124 F. BLANK PRD Prof Sollab (PO Phoenix) 125 F. BLANK PRD Prof Sollab (PO Phoenix) 126 F. BLANK PRD Prof Sollab (PO Phoenix) 127 F. BLANK PRD Prof Sollab (PO Phoenix) 128 F. BLANK PRD Prof Sollab (PO Phoenix) 129 F. BLANK PRD Prof Sollab (PO Phoenix) 120 F. BLANK PRD Prof Sollab (PO Phoenix) 120 F. BLANK PRD Prof Sollab (PO Phoenix) 121 F. BLANK PRD Prof Sollab (PO Phoenix) 1		
SET TURCOTTE PID Collab Colton Genet (PO Po Phoenix) 12R IL VOIGT PID Prof Sentaum Bidg 12D C ASPELL Farm Spec Field Crops (PO Mesc) 12R IL RIGHT PID Prof Plent Poth and Head of Dept (602-884-1528) 12B M ALCORN PID Prof Crima Dis (602-884-1528) 12B M ALCORN PID Prof Crima Dis (602-884-1528) 12B M ALCORN PID Prof Contra Bus (PO Mesca) 12B L CALDWELL PID Prof Self-beam Dis (PO Mesca) 12B L CALDWELL PID Asset Prof Dis Physiol (PO Phoenix) 12B EL SON MA Assi in Dis Physiol (PO Phoenix) 12B EL SON MA Assi in Dis Physiol (PO Phoenix) 12B EL SON MA Assi in Brea Citrus Dis (PO Yuro) 12B M ACCURE PID Assoc Prof Mescal (PO Phoenix) 12B F RAIRED Prof Virus Dis (PO Yuro) 12B M RELIXOR PID Prof Virus Dis (PO Phoenix) 12B F RAIRED PROF PID Prof Virus Dis		12M J ZWOLINSKI PhD Assoc Prof Watershed Mgt
Phoenax) 12R1 A VOIGT PIDD Prof Sorqhum Bedg 2W C MRITTING ES Asst in Res Cotton Genet 400 12R1 NAIGH ir RhD Prof Sorqhum Bedg 2W C MRITTING ES Asst in Res Cotton Genet 400 12R1 NAIGH ir RhD Prof Demot Pool and Head of Dept (602-894-1828) 12R1 MALLOR Hir RhD Prof Citrus Dis 3L M BLANK PRD Collan (PO Phoenax) 12R1 MALLOR HIR Phoenax Prof Dis Resistance 12Ms ALLOR M BOVILE PhD Prof Soll-home Dis 12R1 C GLIDE MED 14P1 Prof Dis Resistance 12Ms ALLOR M BOVILE PhD Prof Soll-home Dis 12R1 C GLIDE MED 14P1 Prof Soll-home Dis 12R1 C GLIDE MED 14P1 Prof Soll-home Dis 12R1 C GLIDE RES DIS SOL SOLD SOLD PROF DIS Resistance 12Ms ALCOR M BOVILE PhD Prof Soll-home Dis 12R1 C GLIDE RES DIS SOLD SOLD PROF DIS Resistance 12Ms C MATTER MS CLIde Nematol (PO Phoenix) 12M SOLD MA Asst in Dis Physiol 12R IN GLIDE RES Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Citrus Dis (PO 12R1 M GLOWALD BS Asst in Res Virol 12R1 M GLOWALD BS Assoc Prof Exer 12R1 M GLOWALD BS Assoc Prof Exer 12R1 M GLOWALD BS Assoc Prof Exer 12R1 M GLOWALD BS Assoc Prof For Mark 12R1 M GLOWALD BS Assoc Prof For Mark 12R1 M GLOWALD BS		
12 I. VOIGT PhD Pmf Songhum Bildr 2W C WHITTING IS Asst in Hes Cotton Genet Plant Perhology 12 I. L. NICH II PhD Perf Plant Poth and Head of Dept (600-894-128) 12 M. ALCORN PhD Prof Chama Dis (100-894-128) 12 M. ALCORN PhD Prof Chama Dis (12 M. ALCORN PhD Prof Chama Photh Dis (12 M. ALCORN PhD Prof Photh	5E L TURCOTTE PhD Collab Cotton Genet (PO	Miscellaneous 530
2W C MHITING IS: Asst in files Cotton Genet Plant Packology 20 A ALCOM PhD Prof Plant poth and Head of Dept (#CC-984-1928) 2X M ALCOM PhD Prof Oman Dis 12R M ALLEN PhD Prof Oman Dis 12R M ALLEN PhD Prof Coman Dis 12R M ALLEN PhD Prof Coman Dis 12R I L ALLON PhD Assoc Prof Dis Restatornce 12R M ALLEN PhD Deef Critise Dis 2X M ALLEN PhD Prof Criti		
2W C MHITING IS: Asst in files Cotton Genet Plant Packology 20 A ALCOM PhD Prof Plant poth and Head of Dept (#CC-984-1928) 2X M ALCOM PhD Prof Oman Dis 12R M ALLEN PhD Prof Oman Dis 12R M ALLEN PhD Prof Coman Dis 12R M ALLEN PhD Prof Coman Dis 12R I L ALLON PhD Assoc Prof Dis Restatornce 12R M ALLEN PhD Deef Critise Dis 2X M ALLEN PhD Prof Criti	12R L VOIGT PhD Prof Sorghum Brdg	IF R BARRECA BA Dir of Radio-TV Bur
Plean Pethology 12E L MIGH is PhD Pind Plant Path and Head of Dept (600-884-1928) 12E M ALCORN PhD Pind Orman Dis (12E L MIGH is PhD Pind Citrus Dis (12E M ACCORN PhD Pind Orman Dis (12E M ACCORN PhD Pind Orman Dis (12E M ACCORN PhD Pind Orman Dis (12E M ACCORN PhD Pind Citrus Dis (12E M ACCORN PhD Pind Citrus Dis (12E M EARIE PhD Pind Citrus Dis (12E L CALDRE PhD Pind Socilatione Dis (12E L CALDRE PhD Pind Pind Pind Pind Dis (12E L CALDRE PhD Pind Masoc Pind Pind) (12E L CALDRE PhD P	2W C WHITING BS Asst in Res Cotton Genet	3SARAH I HARMAN MS Asst State Ldr of 4-H Club Work
Center (SOF-984-1828) 128 M ALCORN PhD Prof Citrus Dis 51. M BLANK PhD Prof Citrus Dis 52. M BLANK PhD Prof Citrus Dis 53. M BLANK PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Soll-borne Dis 52. M CARTER MS Callob Nometol (PC Phoents) 53. M BLANK PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Drof Soll-borne Dis 52. M CARTER MS Callob Nometol (PC Phoents) 53. M CARTER MS Callob Nometol (PC Phoents) 54. CREATER MS Callob Nometol (PC Phoents) 55. M SELSON MS Assoc Drof Nometol 128 M BLINT PhD Prof Ext Spec and Plont Poth 129 M R BLINT PhD Assoc Prof Nometol 121 M NELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M NELSON RS Company 120 M NELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Assoc Prof Wins Dis 120 M SELSON PhD Assoc Prof Wins Dis 120 M SELSON PhD Assoc Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 12		3H E JONES PhD State Ldr 4-H Clair Work
Center (SOF-984-1828) 128 M ALCORN PhD Prof Citrus Dis 51. M BLANK PhD Prof Citrus Dis 52. M BLANK PhD Prof Citrus Dis 53. M BLANK PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Soll-borne Dis 52. M CARTER MS Callob Nometol (PC Phoents) 53. M BLANK PhD Prof Dolla Resistance 128 M ALCORN PhD Prof Drof Soll-borne Dis 52. M CARTER MS Callob Nometol (PC Phoents) 53. M CARTER MS Callob Nometol (PC Phoents) 54. CREATER MS Callob Nometol (PC Phoents) 55. M SELSON MS Assoc Drof Nometol 128 M BLINT PhD Prof Ext Spec and Plont Poth 129 M R BLINT PhD Assoc Prof Nometol 121 M NELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M NELSON RS Company 120 M NELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 120 M SELSON PhD Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 122 M SELSON PhD Prof Wins Dis 123 M SELSON PhD Prof Wins Dis 124 M SELSON PhD Prof Wins Dis 125 M SELSON PhD Prof Wins Dis 126 M SELSON PhD Prof Wins Dis 127 M SELSON PhD Prof Wins Dis 128 M SELSON PhD Prof Wins Dis 129 M SELSON PhD Assoc Prof Wins Dis 120 M SELSON PhD Assoc Prof Wins Dis 120 M SELSON PhD Assoc Prof Wins Dis 121 M SELSON PhD Prof Wins Dis 12	Plant Pathology 490	1A R KASSANDER PhD Dir Water Resources Res
(602-984-1828) 128 M ALCROPAD Prof Ommon Dis 128 M ALCROPAD Prof Citrus Dis 128 M ALCROPAD Prof Citrus Dis 128 M ALCROPAD Prof Citrus Dis 128 M ALCROPAD Prof Coltrus Dis 128 L M BLANK PAD Coldids (PO Phoenix) 129 HE BLOSS PhD Assoc Prof Dis Resistance 129 M W CARTER MS Cellad Nemator (PC Phoenix) 21 E ELSON MA Assi in Dis Physiol 22 E ELSON MA Assi in Dis Physiol 23 E ELSON MA Assi in Dis Physiol 23 F A GRAY RS Ext Assi in Plant Poth 24 M AMCLUREP DA Assoc Prof More off Prof Dis 35 A GRAY RS Ext Assi in Plant Poth 25 C MATERIA Assi in Res Citrus Dis (PO Yuno) 26 M A MCLUREP DA Assoc Prof Noment 27 M A MCLUREP DA Assoc Prof Noment 28 H NELSON PhD Prof Vivio Dis 36 H NELSON PhD Prof Vivio Dis 37 H NELSON PhD Prof Vivio Dis 38 H NELSON PhD Prof Vivio Dis 39 H NELSON PhD Prof Vivio Dis 312 R STREETR PhD Prof Nort Dis 212 R STREETR PhD Prof Nort Dis 212 R STREETR PhD Prof Nort Dis 213 H NELSON PhD Prof Vivio Dis 214 R STREETR PhD Prof Nort Dis 215 H NELSON PhD Prof Vivio Dis 216 H STREETR PhD Prof Nort Dis 217 H DOURNAN PhD Assoc Phot Port Vivio 218 H NELSON PhD Prof Vivio 219 H NELSON PhD Prof Vivio Dis 219 H NELSON PhD Prof Vivio Dis 220 MATERIA Assoc Prof Nort Dis 221 M NELSON MS Prom Spec Field and Host Crops 22 M NELSON MS Prom Spec Field and Host Crops 22 M NELSON MS Prom Spec Field and Host Crops 23 M NELSON MS Prom Spec Field and Host Crops 24 M NELSON MS Prom Spec Field and Host Crops 25 M NELSON MS Prom Spec Field and Host Crops 26 Center 27 M NELSON MS Prom Spec Field and Host Crops 27 M Prof More Marker Prof More Marker 28 NENCR MS College Prof More Marker 29 M NELSON MS Prom Spec Field and Host Crops 20 M NELSON MS Prom Spec Field and Host Crops 20 M NELSON MS Prom Spec Field and Host Crops 20 M NELSON MS Prom Spec Field and Host Crops 20 M NELSON MS Prom Spec Field and Host Crops 20 M NELSON MS Prom Marker 20 M NELSON MS Prom Spec Field And Host Crops 21 M H NELSON PhD Prof Spec Marker 22 M NELSON MS Prom Spec Field And Host Citrus Brog Prof More Dis		Center
128 M ALCORN PhD Prof Citrus Dis 128 M ALCORN PhD Prof Citrus Dis 15. M BLANK PhD Collab (PO Phoentx) 15. L RALNER PhD Collab (PO Phoentx) 15. L RALNER PhD Prof Soll-borne Dis 15. L RALNER PhD Prof Ext Spec and Plant Path 15. L RALNER RES Ext Assit in Plant Path 15. L RALNER PhD Prof Ext Spec and Plant Path 15. L RALNER PhD Prof Sollab Nematical (PO Phoentx) 15. L RALNER PhD Prof Sollab Nematical (PO Phoentx) 15. L RALNER PhD Prof Sollab Nematical (PO Phoentx) 15. L RALNER PhD Prof Sollab Nematical (PO Phoentx) 15. L RALNER PhD Prof Pot Prof Dis 15. L RALNER PhD Prof Pot Prof Dis 15. L RALNER PhD Prof Sollab Nematical (PO Phoentx) 15. L RALNER		1H L MARSHALL AB Dir of Univ News Bur
12R M ALLEN PhD Prof Ctrus Dis St. M SLANK PhD Collod (PO Phoenix) 12R L GLASS PhD Assoc Prof Dis Resistance 12Rs ALCOMELL, PhD Assoc Prof Dis Resistance 12Rs ALCOMELL, PhD Assoc Prof Dis Physiol 12R L CALLERT MS Cellad Nematot (PO Phoenix) 2 E ELSON MA Assi in Dis Physiol 12R L GALERT MS Cellad Nematot (PO Phoenix) 2 E ELSON MA Assi in Plant Porth 2 C MATELKA Asst in Res Citrus Dis (PO Yuna) 12R H McDONALD BS Asst in Res Citrus Dis (PO Yuna) 12R H McDONALD BS Asst in Res Citrus Dis (PO Yuna) 12R H McDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12R H RELSON PhD Prof Vivis Dis 12R H RELSON PhD Prof Vivis Dis 12R H RELSON PhD Prof Vivis Dis 12R B REPNOLDS PhD Collab Nematot (PO Phoenix) 12R H STANGHELLIN PhD Assoc Prof Nemator 12R H MELER BS Asst in Res Vivol 12R D REPNOLDS PhD Prof Not Dis 12R D ROLLINS PhD Prof Even 12B L RED PhD Prof Not Physiol 13R D ROLLINS PhD Prof Even 12B L RED PhD Prof Not Physiol 12R O KUERL PhD Prof Statis Destan (502-884-1490) 12R O KUERL PhD Prof Statis Destan (502-884-1490) 12R O KUERL PhD Prof Westershed Mct and Head 12D O KUERL PhD Prof Westershed Mct and Head 12D O KUERL PhD Prof Westershed Mct and Head 12D KEER PhD Assoc Prof Count Ecol 12E R H SHAK S Inst Watershed Mct 12N M FREEMAN MS Ext Range Mct 13D K H MELTAN PhD Prof and Collab Range Ecol 12S E H SHAK S Inst Watershed Mct 13D K HEMBER S SOLD Prof Prof Prof Prof Prof Prof Reneertion 12R H KITCHEN MS Inst Watershed Mct 13D K HULL PhD Prof and Collab Range Ecol 12S C MARTIS MR PhD Prof Grand Range Ecol 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR PhD Prof Econ and Mct 12D N K NORR Ph		
SL W BLANK PAD Collab (PO Phoenix) 12H E BLOS PAD Assoc Prof Dis Resistance 12Ms ALICE W BOYLE PAD Prof Soll-borne Dis 12R L CALDWELL PAD Assoc Prof Dis Resistance 12Ms ALICE W BOYLE PAD Prof Soll-borne Dis 12R L CALDWELL PAD Assoc Prof Dis Physiol 12R L CRILBERTSON PAD Prof Mycol and For Dis 12R A GRAY SE ext Assist in Plant Path 12R B HINE PAD Prof Ext Spec and Plant Path 12R B HINE PAD Prof Ext Spec and Plant Path 12R R HINE PAD Prof Ext Spec and Plant Path 12R R HINE SN PAD PAD Assoc Prof Nematol 12M R STAND PAD PAD PAD PAD PAD PAD PAD PAD PAD PA	12R M ALLEN PhD Prof Citrus Dis	
12H E BLOSS PhD Assoc Prof Dis Resistance 12Ms ALCE M BOYLE PhD Prof Schicherne Dis 12R L CALDWELL PhD Asst Prof Dis Physiol 12W C ARTER MS Cotto Nematic (PO Phoenix) 2 JE ELSON MA Asst in Dis Physiol 12R L GLEBETSON PhD Prof Myed and For Dis 13F A GRAY SS Ext Asst in Pian Porth 2 JC MATERIKA Asst in Res Citrus Dis (PO Yuma) 12M A MCLURE PhD Assoc Prof Nematic 12H M COONALD BS Asst fines Citrus Dis (PO Yuma) 12M A MCLURE PhD Assoc Prof Nematic 12H M COONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M A MCLURE PhD Assoc Prof Nematic 12M CON ASSOC MARKED PROF MY Prof Mass Prof Veg and Sugar- beet Dis 12H B STREETS PhD Prof Root Dis 12J TROUTHAN PhD Assoc Prof Nematic 12H KINCHAN Shart Statis Design (SO2-884-1480) 12F C WARES PhD Assoc Prof Nematic 12F O NONDET PhD Prof Statis Design (SO2-884-1480) 12F C WARES PhD Assoc Prof Nematic 13F C ROULLINS PhD Prof Statis Design (SO2-884-1480) 12F C B STREET PhD Assoc Prof Nematic 13F C MARKER PhD Assoc Prof Remains PhD Prof Ecol 12F C MARKER PhD Assoc Prof Nematic 12F F STREET PhD Assoc Prof Remains PhD Prof Ecol 12F C MARKER PhD Assoc Prof Statis Design (SO2-884-1480) 12F C MARTH PhD Prof Statis Design (SO2-884-1480) 12F C MARTH PhD Prof Statis Design (SO2-884-1480) 12F C MARTH PhD Prof Remains PhD Prof Ecol 12F C MARKER PhD Assoc Prof State 12F F STREET PhD Assoc Prof State 12F C MARTH PhD Prof Statis Design (SO2-884-1480) 12F C STREET PhD Assoc Prof State 12F C MARTH PhD Prof Statis Design (SO2-884-1480) 12F C MARTH PhD Prof Statis Design (SO		
12MAS ALICE M BOYLE PhD Prof Soll-bome bix 12R L CALDWELL PhD Asst Prof Ibs Physiol 5W W CARTER MS Celick Nematol (PO Phoenix) 21 E ELSON MA Asst in Dis Physiol 12R L CILLBERTSON PhD Prof Mycol and For Dis 5F A GRAY SE Ext Assi in Plant Poth 12B B HINE PhD Prof Ext Spec and Plant Peth 12B B HINE PhD Prof Ext Spec and Plant Peth 12B B HINE PhD Prof Ext Spec and Plant Peth 12B H MCONALD BS Asst in Res Citrus Dis (PO Yuna) 12M A McCLURE PhD Assoc Prof Nematol 2H H MCONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M B NELSON PhD Prof Virus Dis 8H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M IS TANGHELLIMI PhD Assoc Prof Voq and Sugarbeet Bis 12R B STREETS PhD Prof Root Dis 2J. TROUTAMN PhD Assoc Plant Path Citrus and Veq Dis (PO Yuna) 12B L REID PhD Prof Root Dis 2J. TROUTAMN PhD Assoc Prof Physiol 12B L REID PhD Prof Poultry Sci and Head of Dept (602-684-1990) 12B L REID PhD Prof Poultry Sci and Head of Dept (602-684-1990) 12B C RUFHL PhD Prof Solitis Design (602-684-1490) 2J R GERERT PhD Assoc Prof Nutr Sentiatics (Apr) 12B C ARRHMENT SCI Special 12C D BONNHAM PhD Assoc Prof Nutr Sentiatics (Apr) 12C D BONNHAM PhD Assoc Prof Wotershed Mot and Head of Dept (602-884-2313) 12D C ARRHMENT SCI Special 12D C BONNHAM PhD Assoc Prof Wotershed Mot and Head of Dept (602-884-2313) 12D C ARRHMENT SCI Special 12D C ARRHMENT SCI Specia		
12R L CALOWELL PhD Asst Prof Dis Physiol SW W CARTER MS Collot Nemotic (PO Phoenix) 21 E EL SON MA Asst in Dis Physiol 3F A GRAY RS Ext Asst in Plan Poth 12R B HINE PhD Prof Ext Spec and Plant Path 12R B HINE PhD Prof Ext Spec and Plant Path 12R B HINE PhD Prof Ext Spec and Plant Path 12R B HINE PhD Prof Ext Spec and Plant Path 12R B ASST IN Fee Citrus Dis (PO Yuma) 12M A MCLUHE PhD Assoc Prof Nemotic) 12M A MCLUHE PhD Assoc Prof Nemotic) 12M R HELSON PhD Prof Virus Dis 13M R HELSON PhD Prof Virus Dis 13M R HELSON PhD Prof Virus Dis 13M R HELSON PhD Prof Root Dis 13M R HELSON PhD Prof Root Dis 13M SEELS SPHD Prof Physiol 13M DESTANGHELLINI PRO Assoc Prof Linus and Vea Dis (PO Virus) 13M DESTANGHELLINI PRO Assoc Prof Linus and Vea Dis (PO Virus) 13M DESTANGHELLINI PRO Assoc Prof Physiol 13M DESTANGHELLINI PRO Prof Virus 13M DESTANGHELLINI PROF ROOT PROF VIRUS 13M DESTANGHELLINI PROF Assoc Prof Linus 13M DESTANGHER PROF Assoc Prof Physiol 13M DESTANGHER PROF Assoc Prof Physiol 13M DESTANGHER PROF Assoc Prof Natr 13M DESTANGHER PROF Assoc Prof Room Excellent Prof Root Statis Design 13M DESTANGHER PROF Assoc Prof Room Excellent Prof Root Prof Room Excellent Prof Root Statis Design 13M DESTANGHER PROF Assoc Prof Room Excellent Prof Root Prof Root Root Prof Root Excellent Prof Root Prof Root Root Root Prof Root Root Root Root Prof Root Root Root Root Root Root Root Ro		
58W CARTER MS Cellos Negatol (PO Phoenix) 21 E ELSON MA Assit in Dis Physiol 12R L GILBERTSON PAD Prof Mycol and For Dis 57 A GRAY SE Ext Assit in Plant Peth 123R B HINE PhD Prof Ext Spec and Plant Poth 123R B HINE PhD Prof Ext Spec and Plant Poth 124R B HINE PhD Prof Ext Spec and Plant Poth 125 C MARTISIA Assit in Res Citrus Dis (PO Yum) 12M A NELUSION PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M B SILDSON PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M F STANGHELLINI PhD Assic Prof Verg and Sugarbeet Dis 12R B STREETS PhD Prof Root Dis 12R B STREETS PhD Prof Root Dis 12R B HINE PhD Prof Virus Dis 12R B HINE PhD Prof Nematol 12M E WHEELER BS Asst in Res Virol 12M E HEILER BS Asst in Res Virol 12M B HINE NS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Nut Sentiatics (Agr) 12M COLINIS PhD Prof Statis Design (602-884-1480) 12 R GEBERT PhD Assoc Prof Lord 12D E NORDSTROM PhD Assoc Prof Lord 12D E NORDSTROM PhD Prof Watershed Mat and Head of Dept (602-884-2313) 12C D BONNIAM PhD Assoc Prof Lord 12D E REINERELIC PhD Prof Watershed Mat and Head of Dept (602-884-231) 12C D BONNIAM PhD Assoc Prof Lord 12D E REINERELIC PhD Prof Watershed Mat and Head of Dept (602-884-231) 12C D BONNIAM PhD Assoc Prof Lord 12D F RESTREE PhD Prof Watershed Mat and Head of Dept (602-884-231) 12C D BONNIAM PhD Assoc Prof Watershed Mat and Head of Dept (602-884-231) 12C D BONNIAM PhD Assoc Prof Watershed Mat and Prof Light Physiol 12D F RESTREE PhD Prof Watershed Mat and Head of Dept (602-884-231) 12C D BONNIAM PhD Assoc Prof Watershed Mat and Head of Dept (802-884-231) 12C D BONNIAM PhD Assoc Prof Watershed Mat and Prof Callab Remain Material Physiol 12S C MARTIS MS Link Watershed Mat and Head of Dept (802-884-231) 12D F RESTREET PhD Prof Watershed Mat and Head of Dept (802-884-1480) 12D F RESTREET PhD Prof Watershed Mat and Head of Dept (802-884-1480) 12D F RESTREET PhD Prof Watershed Mat and Head of Dept (802-884-1480) 12D F RESTREET PhD Prof Watershed Mat and Head of Dept (802-884-1480) 12D		Center
2.1 E ELSON MA Asst in Dis Physiol 2.1 C GLORERTSON PhD Prof Mycol and For Dis 3.5 A GRAY BS Ext Asst in Plant Poth 2.1 C MATEJIKA Asst fin Plant Poth 2.1 C MATEJIKA Asst fin Res Citrus Dis (PO Yuma) 2.1 C MATEJIKA Asst fin Res Citrus Dis (PO Phoenix) 2.1 C MATEJIKA Asst fin Res Citrus Dis (PO Phoenix) 1.2M R NELSON PhD Prof Virus Dis 3.5 M R REYNOLDS PhD Prof Poot Dis 2.1 L TROUTMAN PhD Asso Prof New and Sugarbeet Dis 2.1 L TROUTMAN PhD Asso Prof New Individual Prof Virus Dis 3.1 M R SELETS PhD Prof Root Dis 3.1 M R SELETS PhD Prof Poot Dis 3.1 M R SELETS PhD Asso Prof Dis 3.1 R SERETS PhD Asso Prof Dis 3. R SERETS PhD Prof For and Range Revog 3. R SERETS PhD Asso Prof Dis 3. R SERETS PhD Asso Prof Dis 3. R	FW W CARTER MC COULD NO DIS PRISION	B. Levas
12R L GILBERTSON PhD Prof Wreal and For Dis 5 A G GRAY RS Ext Asst in Plant Path 12R B HINT PhD Prof Ext Spee and Plant Path 12R B HINT PhD Prof Ext Spee and Plant Path 12R B HINT PhD Prof Ext Spee and Plant Path 12R M ACCLURE PhD Assoc Prof Nematol 2H H McDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Drof Virus Dis 14M R NELSON PhD Drof Virus Dis 15M R REYNOLDS PhD Collab Nematol (PO Phoenix) 12M E STANGHELLINI PhD Assoc Plant Path Citrus and Vea Dis (PO Yuma) 12R E WHELE RES Asst in Res Virol 12MILTON ZAITLIN PhD Prof Extre 12U O NORDSTFOM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Extre 12U O NORDSTFOM PhD Assoc Prof Nutr Seriatics (Ap) 12R G WUFHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 12E B FISH MS Instr Watershed Mgt 12E M M POGED PhD Assoc Prof Range Mgt 13E N R FREEMAN MS Ext Range Mgt 13E N FREEMAN MS Ext Range Mgt 13E N FREEMAN MS		
JSR A GRAY BS Ext Assat in Plant Poth 1218 B HINE PhD Prof Ext Spec and Plant Poth 2 JC MATEJKA Asst in Res Citrus Dis (PO Yuma) 12M A McCURR PbD Assoc Pot Nemotol 2 H M MCDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Prof Virus Dis 12M R NELSON PhD Prof Virus Dis 12M R NELSON PhD Prof Virus Dis 12M R FEYNOLDS PhD Collab Nemotol (PO Phoenix) 12M R EYNOLDS PhD Collab Nemotol (PO Phoenix) 12M R ESTARGHELLINI PhD Asst Prof Veq and Sugarbet Dis 2 JL TROUTMAN PhD Assoc Pot Interest Dis 2 JL TROUTMAN PhD Assoc Pot Interest Dis 2 JL TROUTMAN PhD Assoc Prof Not Dis 2 JL TROUTMAN PhD Prof Virus Dis 12M L NOLATILIN PhD Prof Virus Dis 12M L NOLATILIN PhD Prof Pot Virus Dis 12M M POESTFOW PhD Assoc Prof Not Dis 12I D NORDSTFOW PhD Assoc Prof Recreation 12I D NORDSTFOW PhD Prof For and Recreation 12I D NORDST		
123 B HINL! PhD Prof Ext Spec and Plant Path 2J C MATELIA Asst in Res Citrus Dis (PO Yuma) 12M A McCLURE PhD Assoc Prof Nematol 2H H McDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M R NELSON PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M E STARGHELLIN! PhD Asst Prof Veq and Sugarbee Dis 12R B STREETS PhD Prof Root Dis 2JL TROUTMAN PhD Assoc Plant Path Citrus and Vea Dis (PO Yuma) Assoc Plant Path Citrus and Vea Dis (PO Yuma) 12M E WHELLER BS Asst in Res Viral 12MILTON ZAITLIN PhD Prof Viral 12MILTON ZAITLIN PhD Prof Viral 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1990) 12H B HINLS MS Assoc Prof Exter 12U O NORDSTROM PhD Assoc Prof Nutr Seriastics (Agr) 12D O NORDSTROM PhD Assoc Prof Nutr Seriastics (Agr) 12D G WEER PhD Asst Statis Design (602-884-1480) 2J R GBERT PhD Asst Statis Design 12D C D BONHAM PhD Assoc Prof Qunt Ecol 12D K RBICKLER PhD Asst Prof Recreation 5D R CABLE MS Collab Rance Mat 12E B FISH MS Instr Watershed M		
2 IC MATEJIKA Asst in Res Citrus Dis (PO Yuma) 12M A MCLURE PhD Assoc Prof Nematol 2H H McDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M R STANCHELLIN; PhD Asst prof Veg and Sugarbeet Dis 2JL TROUTMAN PhD Assoc Prof Not Dis 2JL TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 2F E WHEELER BS Asst in Res Virol 12ML TON ZAITLIN PhD Prof Virol 2FOURTY Science 12BL REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12R D RINENS MS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Asst Startis Design (602-884-1490) 2J R GEBERT PhD Asst Prof Recreation 5D R CABLE MS Collab Resource Econ 12J K HRICKLER PhD D Assec Prof Startis Design (602-884-121) 12C M M POGEL PhD Prof Watershed Mgt 3M H FOELSKE MS Collab Resource Econ 12J H KITCHEN MS Inst Watershed Mgt 12G S KLEIMAN PhD Assoc Prof Watershed Mgt 12G J KLEIMAN PhD Prof Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12G J KLEIMAN PhD Assoc Prof Watershed Mgt 12G S KLEIMAN PhD Prof Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12G S KLEIMAN PhD Assoc Prof Watershed Mgt 12G S KLEIMAN PhD Assoc Prof Watershed Mgt 12G S KLEIMAN PhD Prof Econ and Recreated Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S KLEIMAN PhD Assoc Prof Watershed Mgt 12G S KLEIMAN PhD Assoc Prof Watershed Mgt 12G S CABRILL PhD Prof and Collab Plange Mgt 12G O GEBERT PhD Assoc Prof Watershed Mgt 12G S KLEIMAN PhD Prof Econ and Recreated Profice Profice Collab Plange Mgt 12G O GEBERT PhD Profice Collab Plange Mgt 12G O GEBERT PhD Prof Econ and		
12M A McCLURE PhD Assoc Prof Nematol 2H H MCDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Prof Virus Dis 3H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M E STANGHELLINI PhD Asst Prof Veg and Sugarbeet Dis 12R B STREETS PhD Prof Root Dis 2J L TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 2R E WHEELER BS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Statis Design (602-884-1980) 2J R GEBERT PhD Assoc Prof Nutr Seristics (Ag) 31C O MINOR DF Dean of Sch of For (602-523-3031) 31F D ROLLINS PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1380) 31C O BONHAM PhD Assoc Prof Quant Ecol 3D K REICKLER PhD Asst pot Recreation 5D R CABLE MS Collab Range Mgt 3M H GIESKE MS Collab Renow Mgt 12M H MICHEN MS Inst Watershed Mgt 12M K NORR PhD Pho Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12J O KLEMMEDSON PhD Prof Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12G S LEHMAN PhD Prof Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12G S LEHMAN PhD Prof Econ and Recreation 12J H KITCHEN MS Inst Watershed Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G C MARTIM PhD Prof Econ and Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIM PhD Prof and Collab Plant Physiol 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIM PhD Prof Econ and Recreation 12D Watershed Mgt 12D C DECRETE PhD Prof Econ and Recreation 12D Watershed Mgt 12D C DECRETE PhD Prof Econ and Recreation 12D Watershed Mgt		*
2H H McDONALD BS Asst in Res Citrus Dis (PO Phoenix) 12M R NELSON PhD Prof Virus Dis SH W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M R STANGHELLINI PhD Asst prof Veg and Sugarbeet Dis 2JL TROUTMAN PhD Assoc Prof Roet Dis 2JL TROUTMAN PhD Assoc Prof Notrol Prof Virus and Veg Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12ML TON ZAITLIN PhD Prof Virol Poultry Science 500 12BL R EID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 12R O KUEHL PhD Prof Wirershed Mit and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Nutr Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 1ZR O BONHAM PhD Assoc Prof Nutr Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 1ZR O BONHAM PhD Assoc Prof Nutr Statis Design (602-884-1480) 2J R GEBERT PhD Asst Prof Recreation (10 W BERRY PhD Assoc Prof Slivic (10 D W BERRY PhD Assoc Prof Watershed Mit (10 D W W MAACK PhD Assoc Prof For Genet (10 D W W MAACK PhD Assoc Prof For Genet (10 D W W MAACK PhD Assoc Prof For Genet (10 D W W MAACK PhD Assoc Prof For Genet (10 D W W MAACK PhD Assoc Prof For Genet (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof W Matershed Mit (10 D W W MAACK PhD Assoc Prof		
Phoenixi 12M R NELSON PhD Prof Virus Dis SH W REXNOLDS PhD Collab Nematol (PO Phoenix) 12M IS STANGHELLINI PhD Assi Prof Veq and Sugarbeet Dis 12R B STREETS PhD Prof Root Dis 22J. TROUTMAN PhD Assoc Plant Path Citrus and Veq Dis (PO Yuma) 28 E WHELER BS Asst in Res Viral 12MIL TON ZAITLIN PhD Prof Viral Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Erer 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Nutr Steristics (Agr) 2J R GEBERT PhD Assoc Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12K K BRICKLER PhD Prof Watershed Mgt 12M K PRICKLER PhD Prof Watershed Mgt 12M R FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 12M R FREEMAN MS Ext Range Mgt 12M R KINCHEN MS Instit Watershed Mgt 12M R KINCHEN MS Instit Watershed Mgt 12J O KLEMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Recreation 12J H KITCHEN MS Instit Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Recreation 12J N KNORR PhD Prof Econ and Recreation 12J N KNORR PhD Prof Econ and Recreation 12J N KNORR PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and Collab Range Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For and School Brange Mgt 12C S LEHMAN PhD Prof For an	12M A McCLURE PhD Assoc Prof Nematal	
12M R NELSON PhD Prof Virus Dis 5H W REYNOLDS PhD Collab Nematol (PO Phoenix) 12M E STANGHELLIM PhD Assi Prof Veg and Sugarbet Dis 2J.I. TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MLITON ZAITLIM PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Settistics (Agr) 12R G KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assi Statis Design 12D A SKING 2884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Prof Watershed Mct 12D M DORDSTROM PhD Assoc Prof Genet 12B K BRICKLER PhD Prof Watershed Mct 12B M REITT Asst in Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 12R G BEEM MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Mgt 12M M FOGEL PhD Prof Scon and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12D A KNOR PhD Prof Scon and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O NLEMBEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For Grand Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 12P N KNORR PhD Prof For and Range Ecol 1	2 H H McDONALD BS Asst in Res Citrus Dis (PO	Salt River Valley Citrus Sta (PO Tempe)
SHI W REYNOLLDS PhD Collab Nematol (PO Phoenix) 12M E STANGHELLINI PhD Asst Prof Veg and Sugarbet Dis 12R B STREETS PhD Prof Root Dis 22L TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 22 R E WHEELER BS Asst in Res Virol 12M LI TON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Ener (12) O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Statis Design (602-884-1480) 22 H EHRENREICH PhD Prof Statis Design (602-884-1480) 23 H GEBERT PhD Asst Statis Design (602-884-1480) 24 H EHRENREICH PhD Prof Watershed Mgt and Head of Open (602-884-2313) 12C D BONAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation DR C ABLE MS Collab Range Mgt 12M H GOGEL PhD Prof i Watershed Mgt 12M H GOGEL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt 12M H STANGHELL MS Collab Resource Econ 12H K ITCHEN MS Instr Watershed Mgt 12H K ITCHEN MS Instr Watershed Mgt 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S S LEHMAN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Collab Range Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12D S KLEMMEDSON PhD Prof For and Range Ecol 12D S KLEMMEDSON PhD Prof For and Range Ecol 12D S KLEMMEDSON PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof For and Range Ecol 12D S KLEMMEDSON PhD Assoc Prof Watershed Mgt 12D S KLEMMEDSON PhD Assoc Prof Watershed Mgt 12D S KLEM	Phoenix)	2R H HILGEMAN PhD Supt
12M E STANGHELLINI PhD Asst Prof Veg and Sugarbete Dis 12R B STREETS PhD Prof Root Dis 2J.J. TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MILTON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12B D RINDS MS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Sectistics (Agr) 12R O KUEPHL PhD Prof Statis Design (602-884-1480) 2J R EHRENREICH PhD Prof Statis Design (602-884-1480) 2J R EHRENREICH PhD Prof Widershed Mgt and Head of Dept (602-884-213) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Prof widershed Mgt 12M M FOGEL PhD Prof watershed Mgt 12M M FOGEL PhD Prof can and Recreation 12J A KING PhD Prof Econ and Recreation 12J M KINGR PhD Prof Econ and Mgt 12J O NULMMEDSON PhD Prof Ero and Range Ecol 12J N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 11College Staff 2Station Staff 25Coop USDA 6Other Gevt Agency 7Military Leave		Univ Sta (PO Tucson)
12M E STANGHELLINI PhD Asst Prof Veg and Sugarbeet Dis 12R B STREETS PhD Prof Root Dis 2JL TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MILTON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12B L REID PhD Prof Ext 12J O NORDSTROM PhD Assoc Prof Ext 12J O NORDSTROM PhD Assoc Prof Nutr Stetistics (Agr) Stetistics (Agr) Stetistics (Agr) Watershed Management 2J H EHRENREICH PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Prof watershed Mgt and Head of Dept (602-884-213) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Prof watershed Mgt 3B N FREEMAN MS Ext Range Mgt 3B N FREEMAN MS Ext Range Mgt 3B N FREEMAN MS Ext Range Mgt 2D A KNOR PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O NURMEDSON PhD Prof Econ and Mgt 12J O NURMEDSON PhD Prof Econ and Mgt 12J O NURMEDSON PhD Prof Each and Recreation 12S K BRICKLER PhD Assoc Prof Range Mgt Stetistics (Agr) 12R A KINPE PhD Prof For Gard Range Reveq 12J H KITCHEN MS Instr Watershed Mgt 12M M FOGEL PhD Prof Econ and Recreation 12D A KNOR PhD Prof Econ and Recreation 12D A KNOR PhD Prof Econ and Recreation 12D A KNOR PhD Prof Econ and Recreation 12D N KNORR P	5H W REYNOLDS PhD Collab Nematol (PO Phoenix)	
beet Dis 12R B STREETS PhD Prof Root Dis 2J.L TROUTMAN PhD Assoc Plant Poth Citrus and Vea Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MIL TON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-984-1980) 12H B HINNE MS Assoc Prof Errer 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Stetistics (Agr) Stetistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 1D Watershed Management 2J H EHRENREICH PhD Prof Watershed Mpt and Head of Depr (602-884-2313) 12C D BONAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 5D R CABLE MS Collab Resource Econ 12B K MS Instr Watershed Mpt 12M M FOGEL PhD Prof watershed Hydrol 12H R FRITZ Asst in Watershed Mpt 3B N FREEMAN MS Ext Range Mgt 12D A KNORR PhD Prof corn and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Reveq 12J H KITCHEN MS Instr Watershed Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G S LEHMAN PhD Prof Econ and Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 5Coop USDA 6Other Gevt Agency 7 Military Leave		
12 B STREETS PhD Prof Root Dis 2 J.L TROUTMAN PhD Assoc Plant Path Citrus and Vea Dis (PO Yuma) 2 R E WHEELER BS Asst in Res Virol 12MILTON ZAITLIN PhD Prof Virol Poultry Science 500 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Erver 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Steristics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Nutr Steristics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Ownt Escol 12S K BRICKLER PhD Assoc Prof Ownt Ecol 12S K BRICKLER PhD Assoc Prof Ownt Ecol 12S K BRICKLER PhD Assoc Prof Ownt Ecol 12S K BRICKLER PhD Assoc Prof Range Mat 12E B FISH MS Instr Watershed Mat 12E B FISH MS Instr Watershed Mat 12E B FISH MS Instr Watershed Mat 12E M F FOGEL PhD Prof watershed Hydrol 2H R FRITZ Asst in Watershed Mat 12E A KURMEDSON PhD Prof Econ and Recreation 12S L JORDAN PhD Assoc Prof Range Mat 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mat 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof and Collab Range Mat 12S C MARTIN PhD Prof And Collab Range Mat 12S C MARTIN PhD Prof And Collab Range Mat 12S C MARTIN PhD Prof And Collab Range Mat 12S C MARTIN PhD Prof And Collab Range Mat		
2J.L TROUTMAN PhD Assoc Plant Path Citrus and Vea Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MIL TON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Settistics (Agr) Stetistics (Agr) Stetistics (Agr) Stetistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design Watershed Management 2J H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2131) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 1D R CABLE MS Collab Range Mgt 1D M FOGEL PhD Prof Watershed Mgt 12B M F GEBER MS Collab Range Mgt 12B H STEEMAN MS Ext Range Mgt 12B H STEEMAN MS Ext Range Mgt 12J O KLEMMEDSON PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12D A KNNGR PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12D N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof Econ and Mgt 12S C MARTIN PhD Prof mad Collab Range Mgt School of Forestry. Northern Arizona University, Flagstaff 8601 1College Staff 9A-TE, Ms Parter. 1J L WALKUP EdD Prof Econ of University. 1College Staff 9A-TE, Ms Parter. 1J L WALKUP EdD Prof Econ for College Staff 9A-TE, Ms Parter. 1J L WALKUP EdD Prof Econ of University (602-523-3232) 1J C MINOR D	12R B STREETS PhD Prof Root Dis	at thirter in formations of Supr
Vea Dis (PO Yuma) 2R E WHEELER BS Asst in Res Virol 12MLT TON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Erver 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Statistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assoc Prof Quant Ecol 1E A KURMES PhD Assoc Prof Econ 1D W BERRY PhD Prof For Mensuration 1D W BERRY PhD Assoc Prof of Stilvic Watershed Management 2J H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 1E A KURMES PhD Assoc Prof For Genet 1T G OKEEPE MF Asst Prof Wood Technol 1A J SCHULTZ MF Asst Prof Wood Technol 1A J SCHULTZ MF Asst Prof Wood Technol 1B C I JORDAN PhD Assoc Prof Grange Mgt 1B FISH MS Instr Watershed Mgt 1B H HILL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Econ and Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12S C EMBRIN PhD Prof Econ and Mgt 12S C LEMMAD PhD Assoc Prof Watershed Mgt 12S C LEMMAD PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof mad Collab Range Mgt 12S C MARTIN PhD Prof For Matershed Mgt 12S C MARTIN PhD Prof mad Collab Range Mgt 12S C MARTIN PhD Prof mad Collab Range Mgt 12S C MARTIN PhD Prof mad Collab Range Mgt 12S C MARTIN PhD Prof For mad Range 12D Martin PhD Prof mad Collab Range Mgt 12D NEW PROF PhD Prof For Matershed Mgt 12D NEW PROF PhD Prof For Matershed Mgt 12D NEW PROF PhD Prof Prof Watershed Mgt		
### Proof of the Profession of Agricultural Experiment ### Proof of Collab Profession P		Calculate National Action
12MIL TON ZAITLIN PhD Prof Virol Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Ener 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Steristics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J H EHRENREICH PhD Prof Watershed Mqt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Watershed Mqt 12E B FISH MS Instr Watershed Hydrol 2H R FRITZ Asst in Watershed Hydrol 2H R FRITZ Asst in Watershed Mqt 12G L JORDAN PhD Assoc Prof Range Mqt 3B N FREEMAN MS Ext Range Mqt 3B N FREEMAN MS Assoc Prof Range Mqt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mqt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mqt 12S C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12		
Poultry Science S00 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Erier 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr	19MI TON 7AITI IN DED. Dest View	riagstaff 60001
Poultry Science 12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HNDS MS Assoc Prof Erver 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Statistics (Agr) 510 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 2J R GEBERT PhD Asst Statis Design 2J R HERENREICH PhD Prof Watershed Mat and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12E B FISH MS Instr Watershed Mat 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof watershed Hgt 12M R FORTZ Asst in Watershed Mgt 12M R FORTZ Asst in Watershed Mgt 12M R FRETZ Assoc Prof Recreation 13M R FREEMAN R Asst Prof Recreation 14M P T	TEMES TON EARTEIN FIND FIOT VIIO	College Chall of The MCD
12B L REID PhD Prof Poultry Sci and Head of Dept (602-884-1980) 12H B HINDS MS Assoc Prof Emer 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Statistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design (602-884-1480) 12C D BONHAM PhD Assoc Prof Quant Ecol 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 13C K BRICKLER PhD Asst Prof Recreation 14S K BRICKLER PhD Prof watershed Mgt 12M M FOGEL PhD Prof Watershed Mgt 12M M FOGEL PhD Prof watershed Mgt 12M M FOGEL PhD Prof and Collab Plant Physiol 12G J LORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof And Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof And Collab Range Mgt 12SS C MARTIN PhD Prof And Collab Range Mgt 12SS C MARTIN PhD Prof And Col	Paultry Science 500	College Stall 9A-1h, M-S Program
12H B HINDS MS Assoc Prof Errer		
12H B HINDS MS Assoc Prof Errer 12J L WALKUP EdD Pres of Univ (602-523-3232) 12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Statistics (Agr) 2J R GEBERT PhD Assoc Prof Statis Design (602-884-1480) 2J R GEBERT PhD Assot Statis Design (602-884-1480) 2J R GEBERT PhD Assot Statis Design (602-884-1480) 2J R GEBERT PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Assot Prof Recreation 5D R CABLE MS Collab Range Mgt 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof watershed Mgt 12M M FOGEL PhD Prof watershed Mgt 12M M FOGEL PhD Prof watershed Mgt 13B N FREEMAN MS Ext Range Mgt 13B N FREEMAN MS Ext Range Mgt 13C J JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Con and Range Ecol 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof And Collab Range Mgt 12SS C MARTIN PhD Prof		
12J O NORDSTROM PhD Assoc Prof Physiol 13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Stotistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 22 R GEBERT PhD Asst Statis Design 12R O KUEHL PhD Prof Statis Design (602-884-1480) 23 R GEBERT PhD Asst Statis Design 24 H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 10D R CABLE MS Collab Range Mgt 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 12H R FRITZ Asst in Watershed Mgt 13B N FREEMAN MS Ext Range Mgt 13B N FREEMAN MS Ext Range Mgt 14C L JORDAN PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Pro	,	
13F D ROLLINS PhD Prof Ext 12C W WEBER PhD Assoc Prof Nutr Statistics (Agr) 510 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 2J R GEBERT PhD Asst Statis Design 3J H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12S K BRICKLER PhD Asst Prof Recreation 12S K BRICKLER PhD Prof Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 12M M FOGEL PhD Prof watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 13B N FREEMAN MS Ext Range Mgt 3B N FREEMAN MS Ext Range Mgt 13C L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt		1J L WALKUP EdD Pres of Univ (602-523-3232)
Statistics (Agr) S10		19C O MINOR DF Dean of Sch of For (602-523-3031)
Statistics (Agr)		
Stetistics (Agr) 12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 2J R GEBERT PhD Asst Statis Design 1D W BERRY PhD Assoc Prof Ecol 1E A KURMES PhD Assoc Prof of Silvic 1L D LOVE PhD Prof For Range 1T G OKEEFE MF Asst Prof Wood Technol 1A J SCHULTZ MF Asst Prof Recreation 1B C D BONHAM PhD Assoc Prof Quant Ecol 1B A KURMES PhD Assoc Prof Wood Technol 1A J SCHULTZ MF Asst Prof Recreation 1B C D BONHAM PhD Assoc Prof Quant Ecol 1B A KURMES PhD Assoc Prof Wood Technol 1A J SCHULTZ MF Asst Prof Recreation 1B P THOMPSON DF Assoc Prof Econ 1B C D MINOR DF Deam Sch of For 1T E AVERY PhD Prof For Mensuration 1D W BERRY PhD Assoc Prof Ecol 1E A KURMES PhD Assoc Prof of Silvic 1L D LOVE PhD Prof For Mensuration 1D LOVE PhD Prof For Mensuration 1L D LOVE PhD Prof For Mensuration 1L	12C W WEBER PhD Assoc Prof Nutr	
12R O KUEHL PhD Prof Statis Design (602-884-1480) 2J R GEBERT PhD Asst Statis Design 1D W BERRY PhD Assoc Prof Ecol 1E A KURMES PhD Assoc Prof of Silvic 1L D LOVE PhD Prof For Range 1T G OKEEFE MF Asst Prof Wood Technol 1A J SCHULTZ MF Asst Prof Wood Technol 1A J SCHULTZ MF Asst Prof Recreation 1B W P THOMPSON DF Assoc Prof of Silvic 1L D LOVE PhD Prof For Recreation 1A J SCHULTZ MF Asst Prof Recreation 1B W P THOMPSON DF Assoc Prof Wood Technol 1A J SCHULTZ MF Asst Prof Recreation 1B W P THOMPSON DF Assoc Prof Recreation 1B D LOVE PhD Prof For Asst Prof Wood Technol 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof For Genet 1D E WOMMACK PhD Assoc Prof For Genet 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof For Genet 1D E WOMMACK PhD Assoc Prof For Genet 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof For Genet		Forestry 546
2J R GEBERT PhD Asst Statis Design 1D W BERRY PhD Assoc Prof Ecol 1E A KURMES PhD Assoc Prof of Silvic 1L D LOVE PhD Prof For Range		1C O MINOR DF Dean Schof For
2J R GEBERT PhD Asst Statis Design 1D W BERRY PhD Assoc Prof Ecol 1E A KURMES PhD Assoc Prof of Silvic 1E A KURMES PhD Assoc Prof of Silvic 1L D LOVE PhD Prof For Range 1L D LOVE PhD Prof F	12R O KUEHL PhD Prof Statis Design (602-884-1480)	1T E AVERY PhD Prof For Mensuration
Watershed Management 2J H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Assot Prof Recreation 12S K BRICKLER PhD Assot Prof Recreation 12C B B FISH MS Instr Watershed Mgt 12E B FISH MS Instr Watershed Mgt 12E B FISH MS Instr Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 3B N FREEM	2J R GEBERT PhD Asst Statis Design	
2J H EHRENREICH PhD Prof Watershed Mgt and Head of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12B FISH MS Collab Range Mgt 12B FISH MS Instr Watershed Mgt 12B F FRITZ Asst in Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 3B N FREEMAN MS Ext Range Mgt 1CG L JORDAN PhD Assoc Prof Range Mgt Range Reveg 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 2J H EHRENREICH PhD Prof Watershed Mgt 1L D LOVE PhD Frof For Range 1T G OKEEFE MF Asst Prof Wood Technol 1M P THOMPSON DF Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof For Genet 1D E WOMMA		
1T G OKEEFE MF Asst Prof Wood Technol of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12S K BRICKLER PhD Asst Prof Recreation 12B FISH MS Instr Watershed Mgt 12B FISH MS Instr Watershed Hydrol 2H R FRITZ Asst in Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 12SH M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and C	Watershed Management 520	
of Dept (602-884-2313) 12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12D R CABLE MS Collab Range Mgt 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 12SH M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 1A J SCHULTZ MF Asst Prof Recreation 1W P THOMPSON DF Assoc Prof Wood Technol 1D E WOMMACK PhD Assoc Prof Wood Technol 1D E WOMMA		
12C D BONHAM PhD Assoc Prof Quant Ecol 12S K BRICKLER PhD Asst Prof Recreation 12S K BRICKLER PhD Asst Prof Recreation 13D R CABLE MS Collab Range Mgt 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 3M H GIESKE MS Collab Resource Econ 12SH M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12College Staff		
12S K BRICKLER PhD Asst Prof Recreation 5D R CABLE MS Collab Range Mgt 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C Martin		
SD R CABLE MS Collab Range Mat 12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SC MARTIN PhD Prof and Collab Range Mgt 12D E WOMMACK PhD Assoc Prof For Genet 12D A Station Arkansas, Fayetteville (Agricultural Experiment 12D E WOMMACK PhD Assoc Prof For Genet 12D A Station Of Agricultural Experiment 12D E WOMMACK PhD Assoc Prof For Genet 12D A Station Of Agricultural Experiment 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof For Genet 12D A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof For Genet 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof For Genet 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof For Genet 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof For Genet 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof Watershed Mgt 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof Watershed Mgt 12D A RICHARD A STATION ARKANSAS 12D E WOMMACK PhD Assoc Prof Watershed Mgt 12D E WOMMACK PhD Assoc Prof Watershed Mgt 12D E WOMMACK PhD Ass		
12E B FISH MS Instr Watershed Mgt 12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mgt 3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12D A KING PhD Prof and Collab Range Mgt 12D A KING PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt	5D B CABLE MS Collab Bange Mat	
12M M FOGEL PhD Prof Watershed Hydrol 2H R FRITZ Asst in Watershed Mqt 3B N FREEMAN MS Ext Range Mqt ARKANSAS 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mqt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mqt Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12P N KNORR PhD Prof Econ and Mqt 12G S LEHMAN PhD Assoc Prof Watershed Mqt 12G S LEHMAN PhD Assoc Prof Watershed Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt 12SS C MARTIN PhD Prof and Collab Range Mqt	12F B FISH MS Instr Watershed Met	ID E WOMMACK PILD ASSOC Prof For Genet
2H R FRITZ Asst in Watershed Mqt 3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 126 L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12G S LEHMAN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt ARKANSAS Division of Agricultural Experiment Station, Agricultural Extension Service, and College of Agriculture and Home Economics) of the University of Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12D A KING PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 1College Staff 2Station Staff 3Extension Staff 5Coop USDA 6Other Govt Agency 7Military Leave		
3B N FREEMAN MS Ext Range Mgt 5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveq 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt Culture and Home Economics) of the University of Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 11College Staff 2Station Staff 3Extension Staff 12S Coop USDA 6Other Govt Agency 7Military Leave	2H R FRITZ Aget in Watershed Mat	
5M H GIESKE MS Collab Resource Econ 125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveg 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt 12S C MARTIN PhD Prof and Collab Range Mgt		
125H M HULL PhD Prof and Collab Plant Physiol 12G L JORDAN PhD Assoc Prof Range Mgt Range Reveg 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt Division of Agricultural Extension Service, and College of Agriculture and Home Economics) of the University of Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12D O KLEMMEDSON PhD Prof Econ and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 11College Staff 2Station Staff 3Extension Staff 12SS C MARTIN PhD Prof and Collab Range Mgt 12D O KLEMAN PhD Prof and Collab Range Mgt 12D O KLEMAN PhD O Prof and Collab Range Mgt 13D O KLEMAN PhD O Prof Econ and Range Ecol 12D O K		ARKANSAS
12G L JORDAN PhD Assoc Prof Range Mgt Range Reveg 12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mgt Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt Station, Agricultural Extension Service, and College of Agricultural Extension Service and College of Agr		
12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mat Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mat 12G S LEHMAN PhD Assoc Prof Watershed Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12D A KING PhD Prof Econ and Home Economics) of the University of Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12P N KNORR PhD Prof Econ and Mat 12College Staff 2Station Staff 3Extension Staff 12SS C MARTIN PhD Prof and Collab Range Mat	120 I TOPO AND POST OF THE Physiol	
12D A KING PhD Prof Econ and Recreation 12J H KITCHEN MS Instr Watershed Mat 12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mat 12G S LEHMAN PhD Assoc Prof Watershed Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12SS C MARTIN PhD Prof and Collab Range Mat 12D A KING PhD Prof Econ and Home Economics) of the University of Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000) 12P N KNORR PhD Prof Econ and Mat 12College Staff 12Station Staff 14College Staff 15Coop USDA 6Other Govt Agency 15Coop USDA 6Other Govt Age	Assoc Prof Range Mgt Range Reveg	Station, Agricultural Extension Service, and College of Agri-
12J O KLEMMEDSON PhD Prof For and Range Ecol 12P N KNORR PhD Prof Econ and Mgt 12G S LEHMAN PhD Assoc Prof Watershed Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt 12SS C MARTIN PhD Prof Econ and Mgt 12SS C MARTIN PhD Prof and Collab Range Mgt		
12P N KNORR PhDProf Econ and Mgt12G S LEHMAN PhDAssoc Prof Watershed Mgt1College Staff2Station Staff3Extension Staff125S C MARTIN PhDProf and Collab Range Mgt5Coop USDA6Other Govt Agency7Military Leave		Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000)
12G S LEHMAN PhDAssoc Prof Watershed Mgt1College Staff2Station Staff3Extension Staff125S C MARTIN PhDProf and Collab Range Mgt5Coop USDA6Other Govt Agency7Military Leave	121 UKLEMMEDSON PhD Prof For and Range Ecol	
125S C MARTIN PhD Prof and Collab Range Mgt 5Coop USDA 6Other Govt Agency 7Military Leave	12P N KNORR PhD Prof Econ and Mgt	
125S C MARTIN PhD Prof and Collab Range Mgt 5Coop USDA 6Other Govt Agency 7Military Leave	12G S LEHMAN PhD Assoc Prof Watershed Mgt	
	125S C MARTIN PhD Prof and Collab Range Mat	_
	5H L MORTON PhD Collab Plant Physiol	

550-590 ARKANSAS

Animal Sciences-Continued 550 2L O BROWN MS Res Asst Anim Brdg 123D W MULLINS PhD Pres 12J A COLLINS PhD Asst Prof Dairy Mfg 12L B DANIELS PhD Asst Prof Dairy Hush 123J W WHITE PhD Vice Pres for Agr (Tel Area Code 501-575-2251) 2G V DAVIS BSA Res Asst Dairy Nutr 29E M CRALLEY PhD Dir of Agr Expt Sta (Tel Area 2Mrs JANICE I FLOYD BA Res Asst Poultry Nutr Code 501-575-2253) 3J O GIBSON Ji MS - Area Livestock Spec (PO Harrison 16 W HARDY PhD Dean of Col of Agr and Home 72601. Econ (Tel Area Code 501-575-2252) 12T L GOODWIN PhD Assoc Prof Poultry Prod 3C A VINES BS Dir of Agr Ext Serv (PO Box 391 Little 12N R GYLES PhD Prof Poultry Brdg Rock 72203 Tel Area Code 501-376-6301) 12G C HARRIS FhD Prof Foultry Physiol 123J W WOODY BS Treas 12M C HECK MS Asst Prof Meats 2R S HONEA MS Res Asst Anim Husb 560 Agronomy 3DAVID IBSEN DVM Ext Vet (PC Box 391 Little Rock 12D A HINKLE PhD Prof Soil Fert and Head of Dept 72203) 3DONALD ADAMS MS Area Agron (PC Russellville 2Mrs ZELPHA JOHNSON BS Res Asst Anim Sci 72801 21 M KEETER BSA Res Asst Nutr 23M F APPLEBERRY MS Area Agron Cotton 3L T LANGFORD MS Ext Poultryman (PO Box 391 (PO McGehee 71654) Little Rock 72203) 2F M BOURLAND BSA Res Asst Cotton Brdg 2P K LEWIS Jr PhD Prof Biochem Meats 3C E LUEKER PhD Ext Anim Husb (PO Box 391 12D A BROWN PhD Prof Soil Chem 12C E CAVINESS PhD Prof Soybean Brdg
3S L CHAPMAN PhD Ext Soils Spec (PO Box 391 Little Rock 72203) 2L W LUTHER BCA Res Asst Poultry Sci Little Rock 72203) 3J D MCCLURKIN MS Area Fixt Livestock Spec (PO 2F C COLLINS PhD Asst Prof Field Crops Bussellville 72801) 2L B FERGUSON BSA Res Asst Turf 3R C McDANIEL PhD Ext Livestock Spec (PO Box 391 23R F FORD MS Area Agron Crops (PO Jonesboro Little Rock 72203) 724011 12T S NELSON PhD Assoc Prof Anim Nutr 12P B NOLAND PhD Prof Swine Nutr and Brdg 2T E PATRICK BS Res Asst Dairy Mfg 12R E FRANS PhD Prof Weed Control 2BEN FUGUA MS Res Asst Soil Chem 27M D GALLIMORE MS Res Asst Cotton 12L T PATTERSON PnD Assoc Prof Anim Microbiol 3C D HARRIS MS - Area Agron (PO Box 60C Marianna 12 L PERKINS PhD Assoc Prof Sheep Husb 12E H PETERSON DVM PhD Prof Poultry Path 2L H HILEMAN MS Asst Agron Soil Fert 2HP PETERSON DVM Asst Prof Vet Sci 12E L PIPER PhD Asst Prof Anim Physiol 3B A HUEY MS Area Agron Rice (PO Stuttgart 72160) 3H R HURST PhD Ext Agron Weeds (PO Box 391 3D F POTTS MS Area Ext Dairyman (PO 733½ St Little Rock 72203) Louis St Batesville 72501) 2D L JOHNSON MS Res Asst Field Crops 3J B RAGLAND PhD Ext Dairyman (PO Box 391 3T C KEISLING BSA Res Asst Soil Fert Little Rock 72203) 2J L KEOGH PhD Prof Soi, Fert (PO Marianna 72360) 12J M RAKES FhD Prof Dairy Brdg 12J W KING PhD Asst Prof Turf 3LANTIS RATCLIFF PhD Ext Dairyman (PO Box 391 2RICHARD MAPLES MS Asst Agron Soil Fert (PO Little Rock 72203) Marianna 72360) 12M L RAY PhD Prof Beef Cattle Nutr 3W N MILEY PhD Ext Soils Spec (PO Box 391 2R A SELPH BSA Res Asst Anim Husb 2R N SHARP BSA Res Asst Swine Nutr Little Rock 72203) **3**G L MORRIS MS Area Agron Weeds (PO Jonesboro 120 T STALLCUP PhD Prof Dairy Physiol and Nutr 2VAN THOMPSON BSA Res Asst Poulty Sci 72401) 3R P NESTER MS Ext Agron (PO Box 391 Little Rock 2D R TUGWELL BS Res Asst Sheep Husb 72203) 2T D VINES BSA Res Asst Dairy Husb 12M S OFFUTT PhD Prof Legume Brdg 2SARA K WADE MS Res Asst Vet Sci 2J S PENNINGTON MS Res Asst Field Crops 12P W WALDROUP PhD Assoc Prof Poultry Nutr 2R F WARD BSA Res Asst Dairy Husb 12G A PLACE PhD Assoc Prof Soil Chem 12E M RUTLEDGE PhD Asst Prof Soil Morphol 13RALPH WILLIAMS PhD Asst Prof and Area Ext 12W E SABBE Ph.D Assoc Prof Soil Fert 2L J SANDAGE BSA Res Asst Pasture and Forage
12A E SPOONER PhD Prof Pasture and Forage Crops Dairyman 2Mrs FAULETTE WILSON BS Res Asst Vet Sci 3J T WOOD BS Eastern Ark Livestock Spec (PO 2H C STATON BSA Res Asst Weed Control Marianna /2360) 12H R STOIN PhD Asst Prof Crop Ecol 2Mrs CAROL S WOOTEN BS Res Asst Vet Sci 12CHARLES STUTTE PhD Asst Prof Field Crops 2Mrs MARY A SWINDLE MS Res Asst Wood Control Economics (Agr) and Sociology (Rural) 12R E TALBERT PhD Assoc Prof Weed Control 12L F THOMPSON PhD Prof Soil Fert 12H J MEENEN PhD Prof Agr Finance and Head of Dept 3T E ATKINSON MS Ext Econ (PO Box 391 2M R TUCKER MS Res Asst Soil Fert 12B A WADDLE PhD Prof Cotton Brdg Little Rock 72203) 25R D BASS MS Agr Statis (PO Box 1417 Post Office 2L B WARD BSA Res Asst Soil Morphol Bldg Little Rock 72203) 2W S WATSON Jr MS Res Asst Crop Mgt 12C R BERRY PhD Prof Mktg 3H W WELLHAUSEN MS Ext Agron (PO Box 391 2Mrs KAROL B BUDD MS Instr Rural Sociol Little Rock 72203) 12D F CAPSTICK MS Asst Prof Prod Econ 2J D WIDICK MS Res Asst Legume Crops 3W E WOODALL MS Ext Cotton Spec (PO Box 391 12J L CHARLTON PhD Prof Rural Sociol 3J A CLOWER BSA Eixt Livestrick Mktg Spec (PO Box Little Rock 72203) 391 Little Rock 72203) 12J O YORK PhD Prof Grain Brdg 3W C CUMMINGS MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203) 570 **Animal Sciences** 2C R GARNER BSA Res Asst Prod Econ 12E L STEPHENSON PhD Prof Nutr and Head of Dept 12L D ANDREWS PhD Assoc Prof Poultry Brdg 3T L BARTON PhD Ext Poultryman 2C A BAUGUS MS Res Asst Swine 25R L. GREEN PhD - Coop Aur From Devlpmt 12W A HALBROOK PhD Assoc Froi Prod Econ 3R W HALE MS Area Farm Mgt Spec (PO McGehee 71654) 12J N BEASLEY DVM PhD Prof Path

3R B HALLMARK MS Ext Mgt Ar.al (PO Box 391 Little

Rock 72203)

12C J BROWN PhD Prof Anim Brdg

12J F BROWN DVM PhD Asst Prof Parasitol

590-630 ARKANSAS

Economics (Agr) and Sociology (Rural)-Continued

3E H HARMS MS Ext Agri-Bus Econ (PO Box 391 Little Rock 72203)

12G T HUDSON PhD Prof Rural Sociol

12HILLIARD JACKSON PhD Prof Prices and Mktg 25E A JOHNSON BS Agt Mkt News (PO Box 10 Fort Smith 72901)

3R H JOHNSON MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

2GARY KEATHLEY MS Res Asst Prod Econ

3J O KUMPE Sr BSA Ext Farm Mgt Spec (PO Box 391 Little Rock 72203)

12D G LAFFERTY MS Asst Prof Mktg

3R E LAMBERT MS Ext Mktg Spec Fruits and Veg (PO Box 391 Little Rock 72203)

3L L LOONEY MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

2R G MARTIN MS Instr Mktg

3C R MOORE MS Ext Econ (PO Box 391 Little Rock

12W R MORRISON PhD Prof Mktg and Policy 25TROY MULLINS PhD Coop Agt Prod Econ

12CARTER PRICE PhD Assoc Prof Mktg

3J B RÅGLAND PhD Ext Farm Mgt Spec (PO Box 391 Little Rock 72203)

12J M REDFERN MS Asst Prof Res Econ 25J B ROBERTS Jr Agt Mkt News (PO Univ of Ark Center Little Rock 72203)

3J D SHULTS MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

25H H SPURLOCK MS Coop Agt Econ Devlomt

2C A STUART MS Instr Mktg

3D R WALLACE BS Ext For Prods Mktg Spec (PO Box 391 Little Rock 72203)

12J H WHITE PhD Prof Farm Mgt and Prod Econ

3LEARRIE WHITE MS Ext Farm Mgt Spec (PO Box 391 Little Rock 72203)

3J B WILLIAMS MS State Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

12W J WINDHAM MS Asst Prof Mktg

3A W WOODARD PhD Ext Mktg Spec (PO Box 391 Little Rock 72203)

3U G WORD Jr PhD Ext Educ Spec (PO Box 391 Little Rock 72203)

600

12 Mrs MARIE L LAVALLARD MS Sta Ed 3D E RYKER BS Ext Ed (PO Box 391 Little Rock 72203)

3C M JOHNSTON BS Asst Ext Ed (PO Box 391 Little Rock 72203)

3J G RODGERS MA Asst Ext Ed (PO Box 391 Little Rock 72203)

3Mrs SHIRLEY C RUSSELL BSE Asst Ext Ed (PO Box 391 Little Rock 72203)

2V H SCHOONOVER MS Asst Sta Ed

Education (Agr and Home Econ) (Col of Educ) 610

1D B HUTSON EdD Prof Agr Educ and Head of Dept 1Mrs AVA GRAY MS Asst Prof Home Econ Educ

1E L LOVE EdD Assoc Prof Agr Educ

1R E NORTON PhD Asst Prof Agr Educ 1J A SCANLON PhD Asst Prof Agr Educ

1Mrs BEULAH WHORLEY MS Assoc Prof Home Econ Educ

Engineering (Agr) 620

12B B BRYAN MSAE Prof Soil and Water and Head of Dept

2G W BAKER BSBA Res Asst Soil and Water 12R H BENEDICT MSAE Prof Elec Power and Proc 3R C BENZ MS Ext Agr Engin (PO Box 391 Little Rock 72203)

12J A FERGUSON MSCE Asst Prof Water Resources 3J L GATTIS MS Ext Agr Engin (PO Box 391 Little Rock 72203)

2C L GRIFFIS PhD Res Assoc Soil and Water
12W S HARRIS MSAE Assoc Prof Soil and Water 12E J MATTHEWS MSAE Assoc Prof Power and Mach 12XZIN McNEAL MA Prof Structures

Engineering (Agr)-Continued

12G S NELSON MSAE Assoc Prof Elec Power and Proc 12R L PARISH PhD Asst Prof Power and Mach

12T R C ROKEBY PhD Prof Structures

Entomology 625

12F D MINER PhD Prof Forage Crop Ins and Head of Dept

12R T ALLEN PhD Asst Prof Taxon and Biol Control 3GORDON BARNES MS Ext Ent (PO Box 391 Little Rock 72203)

23W P BOYER MS Surv Ent Ins Pests

2GERALD DEAN MS Res Asst Cotton Ins

2B A DUMAS MS Res Asst Forage Crop Ins

2RODNEY HOLLOWAY MS Res Asst For Ins

3B F JONES PhD Ext Ent

3J J KIMBROUGH MS Ext Area Ent (PO Box 60C Marianna 72360)

12R M KIRKTON PhD Asst Prof Taxon and Bicl Control 12J L LANCASTER Jr PhD Prof Livestock Pests

12CHARLES LINCOLN PhD Prof Cotton Ins

2R L MAYES MS Res Asst Veg Ins 23M V MEISCH PhD Asst Prof and Ext Ent

Mosquito Control 12J R PHILLIPS PhD Assoc Prof Cotton Ins

2R L REYNOLDS BS Res Asst For Ins

2E P ROUSE MS Res Asst Taxon 2JOSEPH SIMCO MS Res Asst Livestock Pests

2R G THOMPSON MS Res Asst Taxon and Biol Control
12N P TUGWELL PhD Assoc Prof Rich and Soyhean Ins

3M L WALL MS Ext Area Ent (PO McGehee 71654)

2G W WALLIS MS Res Asst Forest Ins

12L O WARREN PtD Prof For Ins and Apic

12W D WYLIE PhD Prof Fruit and Vea Ins

12W C YEARIAN PhD Assec Prof For Ins

12S Y YOUNG III PhD Asst Prof Ins Physiol

Extension Administration

630

3C A VINES BSA Dir (PO Box 391 Little Rock 722031

3MARGARET ALEXANDER MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3K S BATES MS Assoc Dir (PO Box 391 Little Rock 722031

3RUNYAN DEERE PhD Dist Agt (PO Box 391 Little Rock 72203)

3Mrs CLARA G FARRAR MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3W H FREYALDENHOVEN MS Dist Agt (PO Box 391 Little Rock 72203)

3GERALDINE GOCKE BA Admin Asst (PO Box 391 Little Rock)

3A L HOLLEY PhD State Agt (PO Box 391 Little Rock 72203)

3BYRON HUDDLESTON MS Dist Agt (PO Box 391 Little Rock 72203)

3BRINGLE JENNINGS MS 4-H Club Agt (PO Box 391 Little Rock 72203)

3D S LANTRIP MA. State 4-H Club Agt (PO Box 391 Little Rock 72203)

3J R McINTYRE BBA Admin Asst (PO Box 391 Little Rock 72203)

3MARY ALICE O'BRIEN MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3J R OTT MS Dist Agt (PO Box 391 Little Rock 72203) 3W R PERKINS MS Dist Agt (PO Box 391 Little Rock

72203) 3L L PHILLPS MS 4-H Club Agt (PO Box 391 Little Rock 72203)

3AVA D RODGERS PhD State Ldr Home Econ (PO Box 391 Little Rock 72203)

3Mrs DOROTHY P SITTON MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3A W SQUIRES BSBA Exec Asst (PO Box 391 Little Rock 72203)

3Mrs DORRIS C VICK MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3M B WRIGHT MBA Admin Asst (PO Box 391 Little Rock 72203)

Extension Administration—Continued	Plant Pathology	670
3J D YEARGAN BA Admin Asst (PO Box 391 Little Rock	12D A SLACK PhD Prof Nematol and Head of Dept	
72203)	25KATHARINA BOLLENBACHER MA Cotton Dis	
	12J L DALE PhD Prof Corn and Grass Dis	
Forestry—See Horticulture and Forestry	2Mrs LINDA B DOUTHIT BS Res Asst Nematol	
	26D A DOWNEY MS Coop Agt USDC-Met	
tome Economics 640	12J P FULTON PhD Prof Virol	
12EVELYN M COX PhD Prof and Head of Dept	12N D FULTON PhD Prof Cotton Dis 12M J GOODE PhD Prof Veg Dis	
3ETHEL BENNETT BSHE Ext Spec Relat Arts and Crafts (PO Box 391 Little Rock 72203)	2W D GUBLER BS Res Asst For Dis	
12Mrs MARY M BURTON PhD Prof Fam Relat	2M L HAMBLEN MS Res Asst Nematol	
12S CATHERINE CARROLL PhD Prof Nutr	12J P JONES PhD Prof Cereal Dis	
1Mrs BARBARA CHESSER PhD Asst Prof Child	2F N LEE BS Res Asst Virol	
Devlpmt	2T H McCARVER BS Res Asst Cotton Dis	
1Mrs MARY E COTTON DEd Asst Prof Cloth	3M C McDANIEL MS Ext Plant Path (PO Box 391	
1Mrs BETHEL CUNNINGHAM MS Asst Prof Nutr	Little Rock 72203)	
3ELIZABETH ELLIS MS Ext Home Mgt Spec (PO	12J M McGUIRE PhD Prof Nematol	
Box 391 Little Rock 72203)	2Mrs JOANN McMASTERS BS Res Asst Virol	
IVIRGINIA FERGUSON MS Asst Prof Home Mgt	2B J MOORE BS Res Asst Virol	
1Mrs RUTH T GRIFFITH MS Instr Inst Mgt	2H W PACE BS Res Asst Strawberry Dis	
3Mrs CORA L GUTHRIDGE MS Ext Cloth Spec (PO	2Mrs MARY A PERSON BS Res Asst Physiol	
Box 391 Little Rock 72203)	12R D RIGGS PhD Prof Nematol 12H A SCOTT PhD Prof Virol	
3 BFVFRLEY J HOLCOMB MEd Ext Spec—Aging (PO Box 391 Little Rock 72203)	12F H TAINTER PhD Asst Prof For Dis	
3Mrs MESCAL JOHNSTON MS Ext Food Mktg Spec	12G E TEMPLETON PhD Prof Rice Dis	
(PO Box 391 Little Rock 72203)	12H J WALTERS PhD Prof Virol	
3Mrs FRANCES W JONES MS Ext Human Relat Spec	2D E WENNERSTROM BS Res Asst Veg Dis	
(PO Box 391 Little Rock 72203)		
3PATSY KELLER MS Ext Home Furn Spec		
(PO Box 391 Little Rock 72203)	Miscellaneous	680
3FRANCILLE KILLION MS Ext Nutr (PO Box 391	3 T R BETTON MA Ext Spec Prog (PO Box 391 Lit	tle
Little Rock 72203)	Rock 72203)	
1Mrs EULA M NOYCE RN BSN Asst Prof Nursing	3R M BIRKHEAD MS Ext Recr Spec (PO Box 391	
3Mrs MARJORIE M PHILLIPS BS Ext Nutr Spec (PO	Little Rock 72203)	
Box 391 Little Rock 72203)	3D L GRAY MS Ext Fish and Wildlife Biol (PO Box 391 Little Rock 72203)	
3CARTHEL T PINKSTON MPH Ext Health Educ Spec (PO Box 391 Little Rock 72203)	3J E MILLER MF Ext Rodent Control Spec (PC Bo	v
Mrs LORENE A RAYMOND MS Asst Prof Foods	391 Little Rock 72203)	^
3EVELYN SEVERSEN MS Ext Housing Spec (PO Box	3R A PIERCE BS Ext Agr Pest Control Spec	
391 Little Rock 72203)	(PO Box 391 Little Rock 72203)	
2Mrs E LOUISE WILLIAMS MS Res Asst Nutr	3Mrs MARGUERITE P WILLIAMS MS Ext Spec	
	Safety (PO Box 391 Little Rock 72203)	
Horticultural Food Science 650	Branch Stations and Substations	690
12A A KATTAN PhD Prof Plant Physiol and Food	Cotton Br Expt Sta (PO Marianna 72360)	
Technol and Head of Dept	2T J ASHLEY BSA Asst Dir in Chg	
2J N CASH MSE Res Asst Food Technol	2DALTON HIGGINS MS Res Asst 2R C JONES BSA Res Asst	
2J W FLEMING MS Assoc Prof Chem and Preharvest	2DWIGHT LINCOLN BS Res Asst	
Physical 23J R MORRIS PhD - Assoc Prof and Ext Hort Proc Spec	2C A MOOSBERG MS Assoc Agron	
2Mrs CAROLYN S SHARP MS Res Asst Post Harvest	2R M SMITH Jr BSA Res Asst (PO Rt I	
Physici and Food Technol	Colt 72326)	
12W A SISTRUNK PhD Prof Food Technol	Livestock and For Br Expt Sta (PO Batesville 72501)	
12D R TOMPKINS PhD Assoc Prof Preharvest Physiol	2C E MABRY MS Asst Dir in Chg	
	2C J FLYNN BS Res Asst	
	Northeast Br Expt Sta (PO Keiser 72351)	
Horticulture and Forestry 660	2M H TAYLOR MS Asst Dir in Chg	
12G A BRADLEY PhD Prof Veg Physiol and Head of	2I L ELDRIDGE BSA Res Asst	
Dept	2A L SIMS BSA Res Asst	
3E J ALLENMS Ext Hort 3J K BALL MS Ext Hort (PO Box 391 Little Rock	Rice Br Expt Sta (PO Stuttgart 72160) 2F J WILLIAMS MS Asst Dir in Chg	
72203)	2W F FAW PhD Asst Prof Agron	
2E H BOWERMAN BS Res Asst Veg Brdg	2W T FOX BS Res Asst	
12J L BOWERS PhD Prof Plant Brdg	2S E HENRY BSA Res Asst	
2G R BROWN MS Res Asst Small Fruit Brdg	25T H JOHNSTON PhD Coop Agt Rice Brdg	
2S A BROWN BS Res Asst Tree Fruits	2P A SHOCKLEY BSA Res Asst	
12A E FINERT PhD Asst Prof Ornam Hort	25R J SMITH Jr PhD Coop Agt Weed Control (Rice)	
23T G FUDGE BS Res Asst and Area Hort Spec (PO	2B R WELLS PhD Asst Prof Soil Fert	
Warren 71671)	Southeast Br Expt Sta (PO Rohwer 71666)	
12H A HOLT Ph.) Asst Prof For	2K B SMITH MS Asst Dir in Chg 2O D MEDLEY BSA Res Asst	
12A T McDANIEL MS Asst Prof For	Southwest Br Expt Sta (PO Hope 71801)	
2M A McDONOUGH BS Res Asst Veg Physiol 12JOE McFERRAN PhD Prof Plant Brdg	2C M BITTLE MS Asst Dir in Chg	
12J N MOORE PhD Prof Plant Brdg	2J L DANIELS BS Res Asst	
12R C ROM PhD Prof Fruit Physiol and Mat	2H J HUNEYCUTT MS Res Asst	
3K R SCOTT MS Ext Area Hort-Omam (PO Box 391	2R W PARHAM MS Res Asst	
Little Rock 72203)	2J F YOUNG BS Res Asst	
3W L SMILEY MF Ext For (PO Box 391 Little Rock	Beef Substa (PO Newport 72112)	
72203)	2W T WALLACE MS Res Asst in Chg	
2J E VOLLER BSF Res Asst For	2JERRY CANANT MS Res Asst	

700

Branch Stations and Substations—Continued
Delta Sunsta (P.C. Clarkedale 72325)
2WALLACE WILLIAMS BSA Res Asst in Chg
Fruit Substa (PO Clarksville 72830)
2C J WESTBROOK BSA Junior Hort in Chg
2F. L. BROWN MS - Res Asst
2 F M JONES BSA Res Asst
Peach Substa (PO Nashville 71852)
2E H ARRINGTON BSA Junior Hort in Chg
Strawberry Substa (PO Bald Knob 72010)
2H L BOWDEN BSA Res Asst in Chg
Vegetable Substa (PO Van Buren 72956)
2H H VOSE MS Asst Hort in Chg
2M L LOUDENSLAGER BSA Res Asst
A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Agricultural, Mechanical and Normal College, Pine Bluff

L \ DAVIS EdD | Pres (Tel 501 JE5-6700 Ext 272) S.J.PARKER PhD Dean Div of Agr and Technol (Tel 501 JE5-6700 Ext 234) GDKYLE PhD Dean of Admin O R HOLIDAY MS Dir Agr

Agricultural Economics 710 J A GORDON M.S Assoc Prof Agr Econ and Farm Mar Agricultural Education 720 R C HAYNIE MS Asst Prof Agr Educ and Head Teacher Trainer Agricultural Mechanics 725 J M CHEATHAM MS Assoc Prof Agr Mech 730 Agronomy and Soils D J ALBRITTON PhD Prof Agron and Agr Chem Animal and Dairy Husbandry 735 O R HOLIDAY MS Prof Anim and Dairy Husb Horticulture 740 S J PARKER PhD Prof Hort Poultry Husbandry 750

CALIFORNIA

IS REID MS Assoc Prof Poultry Husb

Division of Agricultural Sciences (Agricultural Experiment Station, Agricultural Extension Service, College of Agricultural Sciences, Berkeley; College of Agricultural and Environmental Sciences, Davis; College of Biological and Agricultural Sciences, Riverside; School of Forestry and Conservation, Berkeley; School of Veterinary Medicine, Davis) of the University of California.

1College Staff **2**Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program

760

1C J HITCH LLD DSc Pres of Univ (PO Berkeley) 94720

12J B KENDRICK Jr PhD Vice Pres of Agr Sci Universitywide (317 Univ Hall Berkeley Tel Area Code 415-642-3235) 94720

129C F KELLY DSc - Dur of Sta Universitywide (317) Univ Hall Berkeley Tel Area Code 415-642-3235) 94720

3G B ALCORN DPA Dir of Agr Ext Serv Universitywide (PO Berkeley Tel Area Code 415-642-7252) 94720

12E G LINSLEY PhD Dean of Col of Aar Sci and Assoc Dir of Sta (10) Giannini Hall Berkeley Tel Area Code 415-642-7171) 94720

124 F McCALLA PhD Dean of Col of Agr and Environ Sc. and Assoc Dir of Sta (PO Davis Tel Area Code 916-752-0107) 95616

12W M DUGGER Jr PhD Dean of Col of Biol and Agr Sci (PO Riverside Tel Area Code 714-787-3101) 92502

12J A ZIVNUSKA PhD Dean of Sch of For and Conserv and Assoc Dir of Sta (145 Mulford Hall Berkeley Tel Area Code 415-642-0376) 94720

12W R PRITCHARD PhD Deam of Sch of Vet Med and Assoc Dir of Sta (PO Davis Tel Area Code 916— 752-1360) 95616

12V T STOUTEMYER PhD Assoc Dir of Sta (PO Los Angeles Tel Area Code 213-825-3163) 90024

12B E DAY PhD Assoc Dir of Citrus Res Center and Sta (PO Riverside Tel Area Code 714-787-3106) 92502

12W B HEWITT PhD Asst Dir of Sta (PO Reedley Tel Area Code 209-638-3621) 93654

Berkeley 94720 (Main tel 415-642-5900)

765

12E G LINSLEY PhD Dean of Col of Agr Sci and Assoc Dir of Sta (101 Giannini Hall Berkeley Tel Area Code 415-642-7171)

12W W MIDDLEKAUFF PhD Asst Dean Acad Affairs

12M N SCHROTH PhD Asst Dean for Res

Biochemistry (Agr) 770

2R D COLE PhD Biochem Endocrinal and Chmn of Dept (415-642-0550)

2H A BARKER PhD Biochem

2J B NEILANDS PhD Biochem Intermediary Metabolism

2J C RABINOWITZ PhD Biochem Mechanisms Enzymes

Cell Physiology

12D I ARNON PhD Prof Biochem and Chmn of Dept (415-642-3684)

12B B BUCHANAN PhD Lect Microbiol

2D B KNAFF PhD Assoc Spec Photosynthesis

12D B McSWAIN PhD Lect Biophys

12RICHARD MALKIN PhD Lect Biochem

2H Y TSUJIMOTO MS Assoc Spec Photosynthesis

Economics (Agr) 790

12D A CLARKE Jr PhD Prof Agr Mktg and Chmn of Dept and Dir of Giannini Foundation of Agr Econ (415-642-3345)

2Mrs B M BAIN MA Asst Spec Agr Mktg

12J H BIERI PhD Asst Prof Agr Statis
12J N BOLES PhD Prof Agr Statis

12ALAIN CHOPPIN DE JANVRY PhD Asst Prof Agr **Statis**

2R H COURTNEY PhD Asst Agr Econ

12N R COLLINS PhD Prof Agr Mktg

25L R GRAY MA Spec Expt Sta Agr Econ

12S S HOOS PhD Prof Agr Mktg

12G M KUZNETS PhD Prof Agr Statts

12 M LEE PhD Prof Agr Statis

12DAVIS McENTIRE PhD Lect Rural Social

124G L MEHREN PhD Prof Agr Mktg

12R B NORGAARD MS Act Asst Prof Natural Resources 2Mrs MIRIAM A REVZAN PhD Asst Spec Agr Mktg

12L L SAMMET PhD Prof Agr Mktg

12ANDREW SCHMITZ PhD Asst Prof Internat 1 Trade

12D W SECKLER PhD Act Assoc Prof Natural Resources 12S V WANTRUP DAgr Prof Natural Resources

Entomology and Parasitology

12R F SMITH PhD Prof Agr Ent and Chmn of Dept (415-642-6660)

12P S MESSENGER PhD Prof Ins Ecol and Vice Chmn of Dept

2J A CHEMSAK PhD Assoc Spec Syst Ent

BIOLOGICAL CONTROL

12ROBERT VAN DEN BOSCH PhD Prof Biol Control Field Crops and Chmn of Div (415–642–7191)

25L A ANDRES PhD Assoc Biol Control Weeds

25P H ARNAUD Jr PhD Assoc Biol Control Weeds

2G R BUCKINGHAM PhD AsstSpec Fruit Flies and Weeds

800

800-865 CALIFORNIA

Entomology and Parasitology—Continued 12L E CALTAGIRONE PhD Lect Biol Control Fruit	Nutritional Sciences-Continued 12GORDON MacKINNEY PhD Prof Pigments and Food
Pests 12D L DAHLSTEN PhD Assoc Prof For Ins 12R L DOUTT PhD LLB Prof Parasitic Hymenoptera	Sci 12Mrs ROSEMARIE OSTWALD PhD Assoc Prof Lipid
2G L FINNEY Spec Culture Entomophagous Ins 25K E FRICK PhD Assoc Biol Control Weeds	Metabolism 2J E RICHMOND PhD Biochem Cell Structure 12F L R STOKSTAD PhD Prof Vitamin Chem and
12RICHARD GARCIA PhD Lect Mosquito Control 12K S HAGEN PhD Prof Physiol Entomophagous Ins	Metabolism 12MARY ANN WILLIAMS PhD Assoc Prof Vitamin
25R B HAWKES MS Assoc Biol Control Weeds 12C B HUFFAKER PhD Prof Biol Control Weeds 2C E KENNETT BS Assoc Spec Biol Control Weeds	Metabolism
	Plant Pathology 850
ENTOMOLOGY 12D D JENSEN PhD Prof Ins Vectors Plant Viruses and Chmn of Div (415-642-3327)	 12D E SCHLEGEL PhD Prof Virol and Physiol Dis and Chmn of Dept (415-642-5121) 2L J ASHWORTH PhD Assoc Plant Path Dis Field and
12W W ALLEN PhD Lect Agr Ent 12W C BATISTE PhD Lect Agr Ent	Orchard Crops 12K F BAKER PhD Prof Root Dis
12J E CASIDA PhD Prof Toxicol	12F W COBB Jr PhD Assoc Prof For Dis and Rusts
12H V DALY Jr PhD Assoc Prof Syst and Morphol	12A H GOLD PhD Prof Virol and Serol
12L A FALCON PhD Lect Ins Path	12J G HANCOCK Jr PhD Assoc Prof Dis Ornam
12N W FRAZIER PhD Lect Ins Vectors Plant Viruses	12D C HILDEBRAND PhD Lect and Assoc Res Plant
12J H FREITAG PhD Prof Ins Vectors Plant Viruses	Path Bact Dis and Physiol Resistance
12H T GORDON PhD Lect Ins Toxicol 12P D HURD Jr PhD Prof Syst Ent	12JR PARMETER Jr PhD Prof For Dis Mycol 12R DRAABE PhD Prof Ornam Dis Control
12C S KOEHLER PhD Prof Agr Ent	12M N SCHROTH PhD Assoc Prof Bact Dis and
12E G LINSLEY PhD Prof Syst Ent	Physiol Resistance
12W J LOHER PhD Prof Ins Behavior	12W C SNYDER PhD Prof Root Dis Fusarium
2LOUIS LYKKEN PhD Spec Toxicol	12W N TAKAHASHI PhD Prof Virol and Infection Physiol
12W W MIDDLEKAUFF PhD Prof Agr Ent	12A R WEINHOLD PhD Assoc Prof Dis Pathogen Physiol
12T E MITTLER PhD Lect Ins Physiol	12STEPHEN WILHELM PhD Prof Verticilium Dis Small
2D E PINNOCK PhD Asst Ins Path	Fruits and Broomrape
12R L PIPA PhD Assoc Prof Morphol 12G O POINAR Jr PhD Lect Ins Path	12C E YARWOOD PhD Prof Virol Rusts Mildews
12J A POWELL PhD Assoc Prof Taxon	
12D W PRICE PhD Lect Acarology	Soils and Plant Nutrition 860
12E I SCHLINGER PhD Prof Syst Ent and Zoogeog	12K L BABCOCK PhD Prof Soil Chem and Chmn of Dept
12C G SUMMERS PhD Asst Agr Ent	(41 5-642-0341)
12E S SYLVESTER PhD Prof Ins Vectors Plant Viruses	12R J ARKLEY PhD Lect Soil Morphol
12YOSHINORI TANADA PhD Prof Ins Path	12ISAAC BARSHAD PhD Lect Soil Mineral
12D L WOOD PhD Prof For Ent	12T C BROYER BS Prof Plant Physiol 12R G BURNS PhD Lect Soil Microbiol
PARASITOLOGY	12P R DAY PhD Prof Soil Phys
12J R ANDERSON PhD Assoc Prof Diptera Med Impor-	12H E DONER PhD Asst Prof Soil Chem
tance and Chmn of Div (415-642-4301)	12P L GERSPER PhD Asst Prof Pedol
12D P FURMAN PhD Prof External Parasit	12LOUIS JACOBSON PhD Prof Plant Physiol
12R H DADD PhD Lect Ins Nutr	2C M JOHNSON PhD Chem Plant and Soil
2TAKESHI MIURA PhD Assoc Spec Mosquito Control	12A D McLAREN PhD Prof Soil Biol
12C H SCHAEFER PhD Lect Mosquito Control 12C J WEINMANN PhD Assoc Prof Helminthol	2R K SCHULZ BS Spec Soil Chem 12ALBERT ULRICH PhD Lect Plant Physiol
12C J WEINWINIAM FILE ASSOCITED DELIMINATION	2JAMES VLAMIS PhD Plant Physiol
Genetics (Agr) 830	12D E WILLIAMS PhD Lect Soil Chem
12S FOGEL PhD Prof Fungal Genet and Chmn of Dept	2Mrs LUCY T YOUNG PhD Spec Plant Physiol
(415-642-5404)	
12S W BROWN PhD Prof Cytogenet	Extension Service (Agr) 865
12D R CAMERON PhD Prof Cytogenet 12J W FRISTROM PhD Assoc Prof Devlpmtl Genet	Extension Service (Agr) 865 (See also - Davis, Riverside, San Joaquin Valley Agricul-
12A D KEITH PhD Asst Prof Biochem Genet	tural Research and Extension Center)
12I M LERNER PhD DSc Prof Population and Ecological	
Genet	ADMINISTRATION
12W J LIBBY Jr PhD Assoc Prof Population and Quant Genet	3G B ALCORN DPA Dir 3A G VOLZ BS Assoc Dir
12P TSPIETH PhD Asst Prof Population and Quant	3L C BENSON MS Asst State Dir
Genet	3W M LAWSON PhD Asst State Dir
12PATRICIA ST LAWRENCE PhD Assoc Prof Genet	3R O MONOSMITH PhD State 4-H Club-Youth Ldr
Microorganism	3W G SCHNEEFLOCK MEd Prog Ldr, Pers
Nutritional Sciences 840	3 G P WHITLOCK PhD Prog Ldr Farm and Consum Sci
12SHELDON MARGEN MD Prof Clin Nutr and Chmn of	3R F DAVIS MS Asst State 4-H Club-Youth Ldr
Dept (415-642-6490)	3AMELIA G SANSOM MS Asst Prog Ldr Fam and
12G M BRIGGS PhD Prof Expt Nutr	Consum Sci
12Mrs DORIS H CALLOWAY PhD Prof Human Nutr	
12G W CHANG PhD Asst Prof Food Microbiol	SUBJECT-MATTER SPECIALISTS 3D C ALDERMAN PhD Ext Pub Serv Spec
12ELF.ANOR F ECKSTEIN PhD Asst Prof Food Mgt 12Mrs BARBARA KENNEDY [JOHNSON] PhD Assoc	3J B BAILEY PhD Ext Pesticide Safety Spec
Prof Food Quality	3R B BRADFIELD PhD Ext Nutr
12M A JOSLYN PhD Prof Food Technol and Chem	3Mrs CATHERINES BRENT BS Ext Commun Spec
2J T LANDIS PhD Prof Fam Sociol	3CONSTANCE B BURGESS MS Ext Consum Ed Spec
2Mrs ANGELA C LITTLE PhD Asst Food Sci Pigments	3B B BURLINGAME MS Ext Econ
12R L LYMAN PhD Prof Lipids and Food Util	3G A CARPENTER PhD Ext Econ

865-910 CALIFORNIA

Extension Service (Agr)-Continued

3LAURA G COOLFY BS 4-H Clui -Youth Spec

3H M DAIL PhD Ext Commun Spec

3C S DAVIS PhD Ext Ent

3W A DOST BS For Prod Spec

3B C DOWNING MS 4-H Club-Youth Spec 3DCBCTHY E DUNCAN MS 4-H Club-Youth Spec

3K R FARRELL PhD Ext Econ

3MARI: 1 FERREL MS Area Horse Econ Consum Mktg

3EECHLEIN MS Ext For

3MASY F HALL, MA Ext Nutr

3Mrc ™ANNE, PIKEDA BS 4 H Nuti Tech

3GRACE KAMPEN MA Ext Home Furn Spec 3A h McCAIL BhD Ext Flant Furn

3J R MORRISON BA Ext Inform Spec

3G A ROWE PhD Ext Econ 3D T SCHILD MS Ext Vis Spec

341 B SIEBERT PhD Ext Econ

3R D SMITH ME'd Prog Ldr Commun

3J E SWIFT PhD Ext Ent

34. PHOTERIA I XTE NO.
31. T WALLACE Phi Ext Econ

Forestry (Sch of For and Conserv)

12J A ZIVNUSKA Ph. Dean of Schof For and Conserv and Assoc Dir of Stu Prot and Chmr. of Dept and Dir of Wildland Res Center (145 Mulfora Hall Berkeley Tel Area Code 415-642-0376) 94720

12A B ANDERSON PhD Lect Biochem

12H H BISWELL PhD Prof Plant Ecol

12D L BRINK PhD Prof For Prods Chem

12PAUL CASAMAJOR MF Lect For Mgt

12R A COCKRELL PhD Prof Wood Technol

12R N CCLWELL PhD Prof Photogram
12F E DICKINSON PhD Prof and Dir of For Prods Lab

12D CERMAN PhD Asst Prof Fisheries Ecol

12R F GRAH PhD Prof For Mgt

12H F HEADY PnD Prof Plant Ecol

12J A HELMS PhD Asst Prof Silvic

1A S LEOPOLD PhD Prof For Wildlife and Zool and Dir Sagehen Creek Wildlife-Fisheries Res Sta

12W J LIBBY Jr PhD Assoc Prof For Genet

12W L M McKILLOP PhD Assoc Prot For Econ

12H C SAMPERT MF Lect For Mgt

12A P SCHNIE.WIND PhD Prof Wood Technol

12A M SCHULTZ PhD Prof Ecol

12E C STONE PhD Prof Physiol Ecol

12D E THE GUARDEN PhD Assoc Prof For Mgt

12H J VAUX PhD Prof For Econ

12L O MENSEL FhD Asst Prot For B: metrics 12MAR HALL WHITE PhD Least & Hitle For!

12W W WILCOX PhD Lect For Prods Puthol

12EUGENE ZAVARIN PhL Lect For Prods Chem

12P J ZINKE PhD Assoc Prof For Soils

Davis 95616 (Main tel 916-752-2063)

870

868

12 \ F McC \LLA Pnf Dean Col + Agr and Finviron Schand Asson Dir of Sta (PC Davis tel Area Code 317-752-0107)

12STERLING CHAYKIN PnD Als to Dean for Resident n: tr

12G R HAWKES Paul Assoc Loan Col of Am and Environ

12D R NIELSEN PhD: Assoc Dean for Revi 12H O WALKER EdD: Assoc Dean Collect Agri and armer, Sh

Agricultural Practices

880

12H O WALKER EdD Lect and Chmn of Dept Agr

2G F HANNA MEd - Agr Pract Farm Mach 2 J E BAPP MED - Adr Pract Santille Placement

Agronomy and Range Science

900

12: E KNOWLES PhD : Frot and Common of Dept Genet Oil and Eliter Crops

Agronomy and Range Science-Continued

25G H ABEL MS Agron Indus Crops

124F T ADDICOTT PhD Prof Plant Physiol Cotton

12R W ALLARD PnD Prof Genet Brdg Lima Bean

2D M BASSETT PhD Plant Physiol Cotton

25B H BEARD PhD Genet Fiber Crops

12R W BREIDENBACH PhD Lect Seed Physiol

2R A COBB MS Seed Lab

12J P CONRAD PhD Prof Emeritus Soil Sci Fert

25H B COOPER Jr PhD Agron Cotton

12BEECHER CRAMPTON MS Lect Bot Range and Forage Crops

25J G DEAN MS Agron Forage Seed Prod

25J R ERICKSON PhD Brdg and Res Rice

2J T FHATHUR MS Agron Seed Certif

12- In MINITER AREE From Front Blod Leith Growth Edictors

25A H HYER PhD Genet Cotton

12. K. JAW. F. D. Genet Population Studies

2R E JOHNSON MS Agron Cotton

2L G JONES BS Assoc Agron Legumes (Retired)

12M B JONES PhD Lect Soil Sci Range Crops

2B L KAY BS Agron Range Mgt

12th Mil All Find — 1 Ji Plant Physical Range Cross

2W F LEHMAN Phil Genet Alfalfa

123 S LOOMIS PhD Prof Plant Physiol Sugarbeet

124[- ' '] En Cytagen to into Plint E.o.

12B A MALSON BSA LLD Prof Emeritus Agron Field Crops

2J J MASTENBROEK BS Genet Rice

25J S McFARLANE: PhD Genet Sugarbeet

25S C McMICHAEL PhD Agron Cotton
12D S MIKKELSEN PhD Prof Soil Chem Field Crops

2F G PARSONS BS Agron Seed Certif

12M L PETERSON PhD Prof Plant Physiol Irrig Pasture

12C O QUALIST THUE Assoc Prof Genet Cereal

12C A RAGUSE PhD Asst Prof Irrig Pastures

12P W RAINS P.L. Leat Plant Nutr Ion Uptake and Trans loc it

2BURT RAY BS Seed Certif

2J E RUCKMAN BA Chem Lab

12C W SCHALLER PhD Prof Genet Cereal

25E G SMITH BS Agron Cotton

12F L SMITH PhD Prof Emeritus Genet Bean Brdg

12E H STANFORD PhD Prof Genet Alfalfa

2D C SUMNER BS Agron Forage Crops

25C A SUNESON MS Genet Cereals (Retired)

2C L TUCKER BS Genet Brdg Lima Bean
25J H TURNER MS Genet Cotton

25V T WALHOOD PhD Plant Physiol Cotton
12W A WILLIAMS PhD Prof Internati Agr Prog Plant Physiol Forage Legumes and Cover Crops

12F P ZSCHEILE Jr PhD Prof Biochem Dis Resistance

Animal Physiology

12J M BODA PhD Prof and Chmn of Dept Physiol

Franciscon Endolering, and Metarchins.

12R & BROCKSEN PaD | Asset Prof. First Biol.

12H W COLVIN Jr PhD Assoc Prof Ruminant Physiol 12J M HOROWITZ Jr MS Asst Prof Biophysiol

2W E HOWARD PhD Pest Control
12F # LORENZ PhB Prof Physiol Reproduction

2R E MARSH AB Anim Ecol

12A H SMITH PhD Prof Physiol Environ Physiol Metabolism

12R G SCHWAB PnD Lect Wildlife Eiol

12R G SCHWAB PhD Lect Wildlife Biol 12I H WAGMAN PhD Prof Neurophysiol Primate Biol 1C M WINGET PhD Lect Biorhythmicity

12Mic DOROTHY J. WOCLLEY PnD Assoc Pro: Neurophysiol

Animal Science 910

12MAGNAR RONNING PhD Prof and Chmn of Dept Nutr Metabolism

12C R ASHMORE PhD Asst Prof Physiol Devlpmt Growth

12R L. BALLWIN Ir Philip Prof Biochem Metal: Control Ment. 124G | BRADFORD PhD Prof Genet Genetype Environ

Interior 12F D CARROLL PhD Prof Nutr Meat 910-955 CALIFORNIA

Animal Science-Continued	Bacteriology (Agr) 920
12H H COLE PhD LLD Prof Emer Physiol Bloat Reprod	1H J PHAFF PhD Prof and Chmn of Dep Bact
Endocrin Recalled 12P T CUPPS PhD Prof Physiol Reprod Endocrin	12R F. HUNGATE PhD Prof Microbiol Rumer. Studies
12J W EVANS PhD Asst Prof Anim Sci	12J L INGRAHAM PhD Prof Microbiol Low Temp 12A G MARR PhD Prof Bact and Dean Grad Div
12G A E GALL PhD Asst Prof Genet Biochem	12/1 C. MATHET THE THOE Edge and Dealt Grag Div
12W N GARRETT PhD Prof Nutr Environ Studies	12C S MUDGE PhD Prof Emer Bact
12I I GESCHWIND PhD Prof Biochem Protein Hormones	12DAVID PRATT PhD Assoc Prof Bact
12HAROLD GOSS PhD Prof Blochem Nutr Emeritus	12D M REYNOLDS PhD Assoc Prof Microbiol Chitinase
12P W GREGORY DSc Prof Emer Genet Bovine Achondro- plasia	Teaching Films
12HUBERT HFITMAN Jr PhD Prof Nutr Swine	12M P STARK PhD Prof Microbiol Pigments and Phytopath. Bact
12C E HOWELL MS Prof Emer Anim Husb Horses	path tract
2J L HULL MS Nutr Irrig Pasture	Biochemistry and Biophysics 930
12MAX KLEIBER DSc Prof Emer Nutr Intermed Metab	12P K STUMPF PhD Prof and Chmn of Dept Plant Bio-
12R C LABEN PhD Prof Genet Anim Brdg	chem Lipids
12G P LOFGREEN PhD Prof Nutr Feed Eval 12S W MEAD MS Prof Emer Dairy Sci Nutr and Genet	12G E BRUENING PhD Asst Prof Nucleic Acids Plant
12V E MENDEL PhD Lect Comp Physiol Environ	and Anim Virus 12STERLING CHAYKIN PhD Prof Enzymol Pyridin
12J H MEYER PhD Prof Nutr Fiber Nutr Fibrous Feed	Nucleotide Metabolism Oxidative Phosphorylation
12G P MOBERG PhD Ass. Prof. Compar Physical Endorine	12E E CONN PhD Prof Plant Biochem Aromatic
Mech in Growth and Reproduction	Compounds
12J G MORRIS PhD Assoc Prof Range Nutr Cattle and	12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein
Sheep 12D W ROBINSON PhD Assoc Prof Nutr Swine	Interactions
12W C ROLLINS PhD Prof Genet Population	12M E DAHMUS PhD Asst Prof Biochem 12R H DCI PhD Prof Control Mech in Bacterial Dif-
2D T TORELL MS Anim Husb Range Nutr Sheep	ferentiation
2K A WAGNON BS Anim Husb Range Studies Beef	12MARILYNN E ETZLER PhD Asst Prof Immunochemist
12W C WEIR PhD Prof Nutr Ruminants Sheep	12J L HEDRICK PhD Assoc Prof Enzyme Structures
12JF WILSON MA Prof Emer Anim Husb Wool	12L L INGRAHAM PhD Prof Phys Organic Chem
pplied Behavioral Sciences 917	Enzyme Mechanisms
pplied Behavioral Sciences 917 120 E THOMPSON PhD Prof and Chmn of Dept Rural	124JACK PREISS PhD Prof Enzymologist Carbohydrate Metab
Social Social	1Mrs FRANCES E RUDERT MS Lect Mgt Teaching Lab
1Mrs LOUISE M BACHTOLD EdD Asst Prof Child	12I H SEGEL PhD Assoc Prof Sulfur Metab in Bact and
Devlpm:	Fungi
1GLEN BURCH EdD Lect Adult Educ and Dir UNEX	12A P TOLIVER PhD Asst Prof Molecular Biol
Davis 12J D FORBES PhD Prof Social Sci	Botany (Agr) 940
12ISAO FUJIMOTO MA Lect Rural Sociel	124C R STCCKING PhD Prof and Chmn of Dept Plant
12L V HARPER PhD Asst Prof Child Devlpmt	Physiol Chloroplasts
12G R HAWKES PhD Prof Child Devlpmt	12E M GIFFORD Jr PhD Prof and Act Chmn of Dept
14MILTON HILDEBRAND PhD Prof Human Devlpmt 12A B HOROWITZ MS Act Asst Prof Child Devlpmt	Morphol Plant Anat
1ARLINE, JOHNSON MS Lect Supv Tchr Educ (Retired)	12F M ASHTON PhD Prof Plant Physiol Weed Control 12D E BAYFR PhD Lect Plant Physiol Weed Control
1E M JUERGENSON PhD Prof Tchr Trng	12P A CASTELFRANCO PhD Prof Dir Padua Study
1GEORGE KAGIWADA PhD Asst Prof Applied Be-	Certer Plant Physiol Biochem
havioral Sci	12A S CRAFTS PhD Prof Emeritus (Recalled) Plant
12D B LYNN PhD Prof Child Psychol 1H B OLSEN Asst Prof Design	Physiol Weed Control
12MARY C REGAN PhD Assoc Prof Res Design and	12H B CURRIER PhD Prof Plant Physiol Cellular Physiol
Anal	124ELIZABETH B CUTTER PhD Prof Plant Morphol
1Mrs KATHERINE W ROSSBACH PhD Assoc Prof	12R H FALK PhD Asst Prof Cytology
Design	25PAUL KEELEY PhD Bot Cotton
1Mrs JOANN A STABB BA Lect Design and Cloth	12NORMA J LANG PhD Assoc Prof Morphol Algae
1S S SUTHERLAND MS Prof Emer Tchr Educ Group Proc and Learning	120 A LEONARD PhD Lect Weed Control 12JACK MAJOR PhD Assoc Prof Plant Ecol
1JANE N WELKER MA Lect Nursery School Tchr	25J H MILLER PhD Bot Cotton
12EMMY E WERNFR PhD Prof Psychol Child Devlpmt	12R F NORRIS PhD Asst Prof Plant Growth Regulators
NT J WITT MA Lect Design	Herbicide Res in Agronomic Crops
	12T E RAGLAND PhD Asst Prof Plant Physiol
vian Sciences 918	2T F TISDELL PhD Bot Weed Control
vian Sciences 918 12C R GRAU PhD Prof and Chmn of Dept Nutr Embryo	12J M TUCKER PhD Prof Taxon 12T E WEIER PhD Prof Emer Plant Physiol Cytol
12Mrs URSULA H ABBOTT PhD Prof Genet Avian	12KENNETH WELLS PhD Assoc Prof Mycol Fungi
DevIpmt Pop	25R R YEO PhD Res Agron Aquatic Weed Control
12H J ABPLANALP PhD Prof Genet Brdg	61 (1)
12V S ASMUNDSON PhD LLD Prof Emeritus (Recalled) Genet	Chemistry (Agr) 950 12R M KEEFER PhD Prof and Chmn of Dept Chem Phys
12R E BURGER PhD Prof Physiol Reprod	12L J ANDREWS PhD Prof Chem Organic
2E A JOHNSON MS Poultry Husb	12R K BRINTON PhD Prof Chem Phys Organic Anal
12F H KRATZER PhD Prof Nutr Anim Metabolism	12R E KEPNER PhD Prof Chem Organic
12F X OGASAWARA PhD Assoc Prof Physiol Reprod	12E P PAINTER PhD Prof Chem Biochem
Mgt 12D W PETERSON PhD Prof Nutr Poultry Prode Mysolo	12H G RFIBER PhD Prof Emer Chem Organ 12D H VOLMAN PhD Prof Chem Phys
12D W PETERSON PhD Prof Nutr Poultry Prods Muscle Biochem	TO THE VOLUMENT FILE PROFESSION STATES
12P N VOHRA PhD Assoc Prof Nutr Poultry Prods	Consumer Sciences 955
12B W WILSON PhD Assoc Prof Physiol Cell Physiol	12MARY ANN MORRIS PhD Prof and Chmn of Dept
12W O WILSON PnD Prof Poultry Mgt Environ Physiol	Chem Text Sci
Neuro Enaocrinal	12H L NEFDLES PhD Asst Prof Text Sci

CALIFORNIA 955-1010

Consumer Sciences—Continued	Entomology 990
124Mrs ROSE MARIE PANGBORN MS Assoc Prof Nutr and	120 G BACON PhD Prof and Chmn of Dept Agr Ent
Foods Sensory Eval Sensory Perception 12G F RUSSELL MS	Pests of Legume Seeds Corn Potatoes Sweetpotatoe 12S F BAILEY PhD Prof Emer Agr Ent Mosquito Thrips
12H G SCHUTZ PhD Act Prof Foods	Pests of Plums Prunes Cherries
12S H ZERONIAN PhD Asst Prof Text Sci	12R M BOHART PhD Prof Syst Ent Mosquito Wasp Flies
Formation (A-1)	2R W BUSHING PhD Asst Ent
Economics (Agr) 960 12J H SNYDER PhD Prof and Chmn of Dept Resource	2E C CARLSON MS Agr Ent Seeds and Oil Crops 12W R COTHRAN PhD Asst Prof Agr Ent
Econ Agr Devipmt	12J E ECKERT PhD Prof Emer Apic Dis Insecticides
12H F CARMAN PhD Asst Prof Agr Mktg	12N F GARY PhD Assoc Prof Apic Pesticides and Pol-
12H O CARTER PhD Prof Farm Mgt Prod Econ	lination
12G W DEAN PhD Prof Prod Farm Mgt 12D B DELOACH PhD Prof Mktg Econ and Policy	12A A GRIGARICK Jr PhD Prof Agr Ent Field Crops
12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal	12C L JUDSON PhD Assoc Prof Ent Mosquito Eggs 12H H LAIDLAW Jr PhD Prof Apic Brdg
12B C FRENCH PhD Prof Mktg Econ	12W H LANGE Jr PhD Prof Agr Ent Pests in Veg Crops
12VARDEN FULLER PhD Prof Agr Econ	Soil Insecticides Snails and Slugs
12D E HANSEN MS Act Asst Prof Agr Econ	2T F LEIGH PhD Agr Ent Cotton
12TR HEDGES PhD Prof Farm Mgt Interntl Agr 1Mrs ANN HERTZENDORF MS Lect Conserv Econ	12G A H McCLELLAND PhD Assoc Prof Med Ent Mosquito
25S S JOHNSON PhD Agr Econ Farm Mgt	12D L McLEAN PhD Assoc Prof Ent Ins Borne Viruses
12W E JOHNSTON PhD Assoc Prof Natural Resources	2R E RICE PnD Asst Ent
12G A KING PhD Prof Mktg Econ	12L M SMITH PhD Prof Ent Emer Taxon
12SYLVIA LANE PhD Prof Agr Econ	12E M STAFFORD PhD Prof Agr Ent Pests of Grapes
12T P LIANOS MS Asst Prof Agr Econ 12S H LOGAN PhD Assoc Prof Agr Econ	Olives Figs Scale Ins 124F E STRONG PhD Prof Agr Ent Plant Resistance
2J W MAMER PhD Act Agr Econ	12F M SUMMERS PhD Prof Agr Ent Mites
12A F McCALLA PhD Assoc Prof Agr Pelicy and	2R W THORP PhD Asst Apic
Political Econ	2F E TODD BSc Ent Apic
12C O McCORKLE Jr PhD Prof Prod Econ Farm Mgt	12R K WASHINO PhD Agr Ent Taxon
25C V MOORE PhD Agr Econ Prod and Resource Econ 12QUIRINO PARIS PhD Asst Prof Agr Econ	Environmental Harticulture 995
12EDITH H PARKER AB Act Asst Prof Agr Econ	12H C KOHL Jr PhD Prof and Chmn of Dept Plant
12G C RAUSSERMS Act Asst Prof Econometrics	Physiol Flor
124S H SOSNICK PhD Prof Mktg Econ Indus Organ	2T G BYRNE MS Landsc Hort Flor
12J M TINLEY PhD Prof Emeritus Mktg Econ Internatl Agr Coop	128 M GOLD PhD Assoc Prof Environ Planning 124W P HACKETT PhD Assoc Prof Ornam Hort
Agi Coop	12) A HARDING PhD Assoc Prof Genet Flor
	124R W HARRIS PhD Prof Plant Physiol Arboriculture
Engineering (Agr) 980	12ANTON KOFRANEK PhD Prof Flor
12J R GOSS MS Prof and Chmn of Dept Hay Handling	12A T LEISER PhD Assoc Prof Hort Plants 12J H MADISON Jr PhD Assoc Prof Plant Physiol Turf
Small Seed Harvesting 25 P A ADRIAN BS Mech Harvesting	12 L PAUL PhD Asst Prof Soil and Plant Nutr
12N B AKESSON MS Prof Agr Chem and Pest Control	12R M SACHS PhD Prof Plant Physiol Flor
12ROY BAINER MS Prof Emeritus Mech Harvesting	
25T E BOND MS Environ Studies	Environmental Toxicology 1000
12T H BURKHARDT MS Act Asst Prof Agr Engin 12J J CARROLL MA Act Asst Prof Meteorol	12W W KILGORE PhD Prof and Chmn of Dept Food Sci and Tech Biochem Pesticides
25L M CARTER BS Mech of Cotton	12T E ARCHER BA Lect in Environ Decontamination
12W J CHANCELLOR PhD Prof Soil Mech	12D G CROSBY PhD Prof in Food Sci Technol Toxicol
2PICTIAW CHEN PhD Agr Engin	Chem Toxicol of Pesticides
25THAYER CLEAVER BS Farm Structures 12K L COULSON PhD Prof of Meteoral Atmos Radiat and	12J N SEIBER PhD Lect Environ Toxicol 2W L WINTERLIN MS Residue Anal
Heat Transfer on Environ	Zw L whyterthiv was Mesidue Andr
12J B DOBIE BS Lect Relat of Elec to Agr Hay Pellet-	Food Protection and Toxicology Center 1005
inq	12W W KILGORE PhD Dir (Tel Area Code 916-752-1142)
124R B FRIDLEY MS Prof Mech Harvesting of Fruits 12R E GARRETT MS Assoc Prof Mech Harvesting of	
Lettuce	Food Science and Technology 1010
12J P GENTRY MS Lect Fruits in Transit	12B S SCHWEIGERT PhD Prof and Chmn of Dept Nutr
25R L GIVENS MS Coop Res Problems	Biochen.
2W B GODDARD MS Agr Engin	12R A BERNARD PhD Prof Plant Physiol Food Flavor
2RENE GUILLOU MS Agr Engin 12J C HARPER DSc Assoc Prof Freeze Drying	Chem 123A W BRANT PhD Lect Poultry and Egg Proc
12S A HART PhD Prof Sanit Engin of Livestock Wastes	124C O CHICHESTER PhD Prof Chem Engin Food Pig-
12S M HENDERSON MS Prof Refrigeration Rice Drying	ments Food Engin
12C F KELLY MS Prof Anim Environ and Structure	12E B COLLINS Pho Prof Microbiol Dairy Prod
124R A KEPNER BS Prof Hay Handling 12COBY LORENZEN Jr MS Prof Emer Tomato Harvesting	and Public Health 12E V CRISAN PhD Asst Prof Microbiol Food Technol
12A A McKILLOP PhD Prof Freeze Drying	12W L DUNKLEY PhD Prof Dairy Technol Dairy Prod
12P S MOLLER PhD Assoc Prof Drift Studies	12R E FEENEY PhD Prof Blochem Proteins
12S R MORRISON PhD Assoc Prof Anim Environ	12D W GRUENWEDEL PhD Asst Prof Instrumental Anal
12L O MYRUP PhD Asst Prof Met 12L W NEUBAUER PhD Prof Structures	Food Chem 26 E H GRUGER Jr MS Fish and Wildlife S erv USDI
12MICHAEL O'BRIEN PhD Prof Bulk Handling	12J M HENDERSON PhD Assoc Prof Food Technol
125 B POWERS PhD Prof Electronic Sorting of Fruits	2BRUCE HUBBELL Jr BS Dairy Technol Dairy Prod
12H B SCHULTZ PhD Lect Geog Prof Agr Engin	12E L JACK PhD Prof Emeritus Food Chem Milk Fats
Climatol 12H E STUDERMS Lect Agr Engin	12W G JENNINGS PhD Prof Agr Chem Food Flavor Chem Food Plant Sanit
12W E YATES MS Prof Sprays and Pest Control	12S J LEONARD BS Lect Food Tech
· · ·	

1010-1100 CALIFORNIA

Food Science and Technology-Continued Physics (Agr)—Continued 12M E GARANE BELL TIT TO WHITE HERE IT HAS AC-124M J LEWIS PhD Assoc Prof Brewing Tech 12B S LUH PhD Lect Aur Chen. Food Produing Sportinger Deteriorat 12L G MARSH MS Prof Emer Food Technol Chem of Plant Pathology 12R 1 35 GAN Pall From in a few of copy alant Path Deteriorat Freezing and Canning Technol or loop, a 25. Avan efficie loog Cath Seconda 12MENDEL MAZELIS PhD Assoc Prof Biochem Freezing Preserv 12R L MERSON PhD Asst Prof Engin 12M W MILLER PhD Assoc Prof Microbiol Dried Fruit 25C W BENNETT PhD Plant Path Virus Dis of Sugarbeets 12E E BUTLI K PIC Pro Class Part Part Harvert Dis Yeasts Mycoc 12R N CAM: BLLL PhD | Prot. Plant Part. Veg. Las 12E M MRAK PhD Prof Ener Food Technol 12T A NICKERSON PhD Prof Dairy Technol Dairy Prod 124Mts ROSE MARIE PANGBORN MS Assoc Prof Nutr and 12J E DEVAY PhD Prof Plant Path Host Parasite Relat 25J E DUFFUS PhD Plant Path Virus Dis of Sugarbeets
12 J M UNIVAY Pub Levi Plant Path Funds Sensory Eval Sensory Perception

12H J PHAFF PhD Prof Microbiol Taxon of Yeasts 12W H ENGLISH PhD Prof Plant Path Dis of Deciduous Enzyme and Pectin Chem 12L M SMITH PhD Prof Agr Chem Lipids Fruits and Nuts 25h H GARBER MS Plant Path Cotton Dis
25A C GOHEEN PhD Plant Path Grape Dis
25J M HARVFY PhD Plant Path Post Harvest Fruit Dis 12CLARENCE STERLING PhD Prof Bot Histol Chem and Biophys of Foods 12G F STEWART PhD Prof Food Chem Anim Prod Technol 12W B HEWIT I Foll - Front Florin Press Grap e Dis Soul Tenna Circ. 12A L TAPPEL PhD Prof Biochem of Foods 12N P TARASSUK PhD Prof Emer Agr Chem Dairy Prod 12B R HOUSTON PhD Prof Plant Path, Field Crop Dis 25J M KLISIEWICZ PhD Plant Path Oil Crop Dis 12TSUNE KOSUGE PhD Assoc Prof Plant Path Deteriorat 12R H VAUGHN PhD Prof Food Microbiol Spoilage Plant Sanit Public Health Problems Biochem of Plant Pathogens 12J R WHITAKER PhD Prof Biochem Enzyme Chem Meat 12L D LEACH PhD Prof Emeritus Plant Path Seeding Quality Dis 2F H WINTER BS Freezing and Drying 12GECRGE NYLANI Pull From Plant with Fruit Tree Vi. i Lis Genetics 1020 12R W ALLARD PhD Prof and Chmn of Dept Genet 12J M OGAWA PhD Pro: Plant Path Lie of Deciduous Brdg Lima Bean Fruits and Nuts 12J B BOYD PhD Asst Prof Genet 12G J EDILIN PhD Acting Pint Genet 12L C GOTTLINB THE Acting Prof Genet 25T S PINE PhD Plant Path Dis of Deciduous Fruits 25WC SCHNATHORST PhD Plant in the Cotton Dis 12T ASHAPLA In. First Mark the Che Fruit Virus 12M M GREEN, PhD - From Green, Fromgled in 12R E KUNKEE PhD - Assemble to General 12R A SHLESER PhD - Assemble General 12R J SHEEHERD PhD Lest Plant Virol 12E F WHENTER THE FOR A CHARLE Plant Pathogens in a form of the Control of Plant Path Fruit and Nut. 12S R SNOW PLD First Genet Cytogenation 12G L STEBBINS Jr PhD | Prof Plant Genet Flant had his bast Evalution International Agricultural Institute 1040 Pamology 124C M HARDIN PhD Dir 12D S BROWN PhD Prof and Chrin of Dept Plant Physical Relat Climate to Prod (Tel Area Code 916-711-0820) 12F W ALLEN MS Prof Eleer Physical Port Harvest Fruits 12MURIEL V BRADLEY PhD Lect Pomol Morphol Cytol
12F J PRELN Fr. Lect Pomol Plant Physic! 1KURT KREITH PhD Prof and Chian of Dept Mich 12R S BRINGHURST Ph.) Prof Genet Small Fruit Brdg 12G A BAKER PhD Prof Statis Design and Anal of Expt 2J R BUCHANAN BS Anal Chem Foliar and Soil Anal 12R M CARLSON PhD Lect Pon.ol Fruit Tree Nutr Multivariate Anal 12E B ROESSLER PnD Prof Emeritus of Dept Status De-12P B CATLIN PhD Lect Physiol Growth and Devipmt
12L L CLAYPOOL PhD Prof Physiol Post Harvest Fruit sign and Anal of Expt Surv Methoda Nematology 1070 12J C CRANE PhD Prof Plant Physicl Hormones Fig 12D J RASKI PhD Prof and Chmn of Dept Nematol Prod Taxon Grapes Virus Dis

12M W ALLEN PhD Prof Nematel Laxor Contain 121 D. DAVIS POD LLI Prof Enter Lot of Plant Physiol Fran Boar 2A E GILMORE MA Plant Physiol Peaches 12W H GRIGGS PhD Prof Physiol Fruit Brdg 25F E CAVENESS PhD Plant Path Cotton 12BERT LEAR PhD Prof Nematol Nematocides Veg and 124P E HANNOHE PhD Assoc Prot Genot Fruit Brdg Field Crops 12B F LOWNSBERY PhD Lect Nemated Francyenecity 12H T HAR PMANA PLE From Plant Fryscal Propagation Deciduodo Fiuiti una Miti 12C O HESSE PhD Prof Genet Fruit Brdg 12D E KESTED Full From Physiol Prof Brd in a Genet 12A R MAGGENTI PhD Lect Nematol Morphol Nursery and Ornam 2CLETT LIBERT AND E I Free From Flort Emporal Soil 12D R VIGLIERCHIO PhD Lect Nematol Physiol and Stille. Biochem 2G R MARTIN PhD Hort and Plant Physiol 12E C MAXIE PhD Prof Biochem Post Harvest Fruit 1075 Nutrition Problems Ionizing Radiation 12F W HILL PhD Prof and Chinn of Dept Nutr Energy 12E LIROPBSTING PLD: Frificultiental Plant Metabolism 12Mrs LUCILLE S HURLEY PnD Prof Brechen Nutr Phy. jel and Scile 12R J RCMANI PhD Lect Pomol Maturity Problems 12SUSAN MOACE PhD Asst Prof Nutr 12R B RUCKER PhD Asst Prof Nutr Irradiation Studies 12KAY RYUGO PhD Lect Pomol Cling Peaches Pears 12FRANCES J ZEMAN PhD Assoc Prof Nutr Els File Team Foyum I Feath Growth Sub-12N F SCHMER D.C.

12KIYOTO URIU PhD | Lect Enysist Mineral Nutr and

Img of Deciduous Fruits
2VICTON VOTH RS - Hort Small Fruits

1) E DRAPER PhD Prot and Chrin at Dept Phys 12C G PATTEN PhD Prof Nuclear Phys Accelerators

Spectroscopy

CALIFORNIA 1120-1175

Soils and Plant Nutrition 1120 Viticulture and Enology—Continued 12V V RENDIG PhD Prof and Chmn of Dept Plant 12A D WEBB PhD Prof Enol Aroma and Flavor Constit-Physiol Soil Plant Interrelationship uents 12D G ALDRICH Jr PhD Chancellor Irvine Campus Prof 12A J WINKLER PhD Prof Emer and Vitic Chem Fert and Mgt 12E L BEGG BS Lect Soil Surv Water Science and Engineering 1155 Transformation 12V H SCOTT PhD Prof and Chmn of Dept Irrig Engin 12F F. BROADBENT PhD Prof Soil Microbiol Introgen Ground Water Devlpmt 12JAIME AMOROCHO PhD Prof Hydrolic Engin Surface Transform 12A L BROWN PhD Lect Soil Chem Micronutrients Water Hydrol 12R G BURAU PhD Asst Prof Soil Chem Colloids 12J W BIGGAR PhD Prof Soil Phys Water Quality 12R H BURGY MS Prof Civil Engin Hydrol and Water 2A B CARLTON MS Spec Peat Land Mgt and Conserv 12C C DELWICHE PhD Prof Soil Sci and Biochem Supply Kearney Foundation 12L D DONEEN PhD Prof Soil Chem Water Quality 12EMANUAL EPSTEIN PhD Prof Plant Physiol Trans-Standards locat by Plants 2D W GRIMES PhD Irrig Mgt 12R M HAGAN PhD Prof Coord Internatl Agr Prog and 12F F HARRADINE PhD Prof Soil Morphol Surv Correlation Assoc Dir Dry-Lands Res Inst Irrig Water Soil 2F W HERBERT BS Soil Morphol 12G L HUNTINGTON PhD Lect Soil Surv Plant Relat 12W E HART MS Lect Irrig Syst Design 23W E MARTIN PhD Soil Fert 12D W HENDERSON PhD Prof Soil Sci Soil Mat under 12D N MUNNS PhD Assoc Prof Soil Sci Nitrogen Metabo-Irria lism Halophytic Plant Metabolism 124T C HSIAO PhD Assoc Prof Plant Soil Water Relat 12H M REISENAUER PhD Lect Soil Sci in Kearney 12A W KNIGHT PhD Asst Prof Water Sci 12J N LUTHIN PhD Prof Soil Phys Drainage Foundation Soil Fert and Plant Nutr 2W J SHARRATT PhD Soil Fert 2J C MARR BS Assoc Expt Sta Irrig (Retired) 2R J MILLER PhD Irrig Soil Fert Irrig Mgt
2D L MORGAN MS Asst Res Hydromet
12D R NIELSEN PhD Prof Soil Phys of Soil Moisture
12W O PRUITT Jr MS Lect Irrig Engin 12P R STOUT PhD Prof Dir of Kearney Foundation of Soil Sci Soil Chem Plant Soil Interrelations 12L D WHITTIG PhD Prof Soil Chem Soil Genesis Vegetable Crops 12F E ROBINSON PhD Lect Irrig Water Mat 1130 12J M LYONS PhD Prof and Chmn of Dept Physiol 2J C BISHOP MS Veg Crops Plot Work 12T S STRELKOFF PhD Assoc Prof Civil Engin Hydrodynamics 2R M DAVIS Jr PhD Oler Physiol Res 12F J VEIHMEYER PhD LLD Prof Emeritus Irrig 12W J FLOCKER PhD Prof Oler Soil Compaction and Engin Water Relat 2G C HANNA BS Oler Brdg Zoology (Agr) 1160 12J F HARRINGTON PhD Prof Oler Seed Prod 1H T SPIETH PhD Prof and Chmn of Dept Ins Behavior 12F D HOWARD PhD Lect Oler Biochem of Growth and Especially Mating of Drosophila Devlomt 1MILTON HILDEBRAND PhD Prof Vertebrate Morphol 12J E KNOTT PhD DSc Prof Emer Plant Physiol 12W J HAMILTON PhD Assoc Prof Starling Control 120 A LORENZ PhD Prof Nutr 12W M LONGHURST PhD Lect Zool Ecol Relat Wildlife 12J H MacGILLIVRAY PhD Prof Emer Oler Qual and to Agr Food Value Studies 25L H MILLER PhD LLD Prof Emeritus Biol Avian 12L L MORRIS PhD Prof Oler Post Harvest Physiol Paleontol 2K N PAULSON PhD Asst Oler Soil Fert 124M A MILLER PhD Prof Crustacea 12H K PRATT PhD Prof Plant Physiol Post Harvest 12L E ROSENBERG PhD Prof Zool Protozool and 124LAWRENCE RAPPAPORT PhD Prof Oler Post Hor-Histol vest Growth Regulators 12T I STORER PhD LLD Prof Emeritus Zool 124C M RICK Jr PhD Prof Genet Tomatoes Brdg Crucifers 12P G SMITH PhD Prof Oler Brdg Taxon of Peppers 12A R SPURR PhD Assoc Prof Oler Histopath Studies Miscellaneous 1170 124JACK PANGBORN MA Spec Expt Sta (Facility for Ad-2M A STEVENS PhD Genet 2HERMAN TIMM PhD Oler Potatoes vanced Instrumentation) 2J E WELCH PhD Oler Brdg Extension Service (Agr) 1175 12MASATOCHI YAMAGUCHI PhD Lect Oler Physiol 3C E HOUSTON BS Asst State Dir and Biochem Studies on Devlpmt 3S P CARLSON MS Asst State Dir 12F A YANG PhD Lect Biochem Post Harvest Res 2M B ZAHARA BS Veg Crops Time and Motion Studies 3R S AYERS MS Ext Soils and Water Spec 3D L BATH PhD Ext Dairy Nutr 2F W ZINK Jr MS Veg Crops Growth Rates 3L J BERRY BS Ext Range Spec 3J A BEUTEL MS Ext Pomol 3L J BOOHER CE Ext Irrig Viticulture and Enology 1150 12H W BERG MS Prof and Chmn of Dept Enol Color 3A W BRANT PhD Ext Food Tech Extraction 3R W BRAZELTON BS Ext Agr Engin **2**C J ALLEY PhD Vitic Disease-free Root Stock 3J C BRUHN PhD Ext Food Technol 3V E BURTON BS Ext Ent 12M A AMERINE PhD Prof Enol Enol-controlled Fer-:::entation 3R B BUSHNELL DVM Ext Vet 12J A COOK PhD Prof of Vitic Vitic Mineral Nutr 3W J CLAWSON MS Ext Anim Sci 12J F GUYMON PhD Prof Enol Brandy Res 3G M COOKE BA Ext Enol 12W M KLIEWER PhD Lect Vitic Biochem Invest 3R H COPPOCK AB Ext Commun Spec 124R E KUNKEE PhD Assoc Prof Biochem of Microbiol 3G L CRENSHAW DVM Ext Vet Fermentation 3M W CUMMINGS BS Ext Wildlife Spec 12L A LIDER PhD Assoc Prof Vitic Devlpmt of New 3R G CURLEY MS Ext Agr Engin Root Stock 3W B DAVIS MS Ext Omam Hort 12K E NELSON PhD Prof Vitic Grape Storage 12H P OLMO PhD Prof Vitic New Varieties Brdg 3R B DUFFIN PhD Ext Irrig and Drain Engin 3J T ELINGS BS Ext Anim Sci 2C S OUGH BS Eval of Wine Grapes 3C L ELMORE MS Ext Weed Control Spec 12V L SINGLETON PhD Prof Enol Wine Aging 3J A EMO MEd 4-H Club-Youth Spec 25MASAMI UOTO PhD Vitic Hort 3R A ERNST PhD Ext Poultry Spec 12R J WEAVER PhD Prof Vitic Growth Regulators

3H L FISHER Ext Vis Spec

1175-1178 **CALIFORNIA**

Extension Service (Agr)-Continued

3W D FITZWATER MS Ext Wildlife Spec

3M N GAGNON AB Ext Inform Spec

3D E GILBERT PhD Ext Bioclimatol

3G S GOBLE BS Ext Dairy and Livestock Technol

3Mrs BARBARA A GUNN PhD Ext Human Rel Spec

3D H HALL PhD Ext Plant Path
3W H HART PhD Ext Plant Nematol

3W A HARVEY MS Ext Weed Control Spec 3R F HASEK PhD Ext Flor

3F J HILLS PhD Ext Agron

3MARVIN HOOVER BS Ext Cotton Spec (PO Shafter)
3K H INGEBRETSEN BS Ext Agron Technol

3F E JONES MS Ext Inform Spec 3A N KASIMATIS MS Ext Vitic

3R F KASMIRE MS Ext Mktg Technol

34B A KRANTZ PhD Ext Soils Spec

3E C LOOMIS PhD Ext Parasitol
3V L MARBLE PhD Ext Agron
3W E MARTIN PhD Ext Soils Spec

3W B McHENRY BS Ext Weed Control Technol

3W C MICKE MS Ext Pomol Technol 3G E MILLER Jr BS Ext Agr Engin

3H L MILLER MS 4-H Club-Youth Spec 3M D MILLER MS Ext Agron

3F G MITCHELL MS Ext Pomol Mktg

3W J MOLLER PhD Ext Plant Path

3F D MURRILL MS Ext Dairyman

3V P OSTERLI BS Prog Ldr Spec Proj 3P S PARSONS MS Ext Econ

3R A PARSONS MS Ext Agr Engin

3R C PEARL BS Ext Food Technol

3C L PELISSIER MS Ext Dairyman

3J D PRATO MS Ext Agron

3JAMES QUICK BA Ext Technol

3R S RAUSCHKOLB PhD Ext Soils Spec

3A D REED PhD Ext Econ

3H B RICHARDSON MS Ext Vitic Mktg

3A D RIZZI BS Ext Pomol

3A S ROSENWALD DVM PhD Ext Poultry Path

3V E RUBATZKY PhD Ext Veg Crops Spec

3D JANE SCHOPPE MS Ext Home Furn Spec

3W L SIMS PhD Ext Veg Crops Spec

3G M SPURLOCK PhD Ext Anim Sci 3WARD STANGER MS Ext Apic

3J F STREET MS Ext Range Technol 3R D TEAGUE BS Ext Wildlife Spec

3R E VOSS PhD Ext Veg Crops Spec 3W E WILDMAN PhD Ext Soils Spec

3MADELYN C WILLIAMS MA Ext Clothing Spec

3G K YORK PhD Ext Food Technol

Veterinary Medicine, School of

1178

12W R PRITCHARD DVM PhD JD Dean of Sch of Vet Med and Assoc Dir of Sta (916-752-1360)

12J R DOUGLAS PhD Assoc Dean of Sch of Vet Med (916-752-1800)

ANATOMY

12L Z McFARLAND DVM PhD Prof and Anat and Chmn of Dept (916-752-3082)

1R D BARNES PhD Asst Prof

1L J FAULKIN PhD Assoc Prof 1B L HART DVM PhD Assoc Prof

IL M JULIAN DVM PhD Prof

12W S TYLER DVM PhD Prof and Anat

CLINICAL PATHOLOGY

12J J KANEKO DVM PhD Prof and Vet and Chmn of Dept (916-752-0153)

12E J CARROLL PhDLect and Assoc Spec12N C JAIN DVM PhDAssoc Prof and Assoc Clin Path

12D E JASPER DVM PhD Prof and Vet

120 W SCHALM DVM PhD Prof and Vet

CLINICAL SCIENCES

12F A RHODE Jr DVM Prof and Vet and Chmn of Dept (916-752-1363)

1A A ARDANS DVM Asst Prof

Veterinary Medicine, School of-Continued

12R M CELLO DVM Prof and Vet and Dir of Vet Med Tcha Hosp

1J F CHRISTENSEN DVM PnD Emeritus Prof and Vet

1W S CRIPE Visiting Res Vet

12MAARTI.N DROST DVM Asst Prof

1A G EDWARD DVM Lect and Spec Lab Anim Med

1G O EWING DVM Asst Prof Gastrointestinal Dis

12M E FOWLER DVM Assoc Prof and Assoc Vet

12J R GILLESPIE DVM PhD Assoc Prof and Assoc Vet Cardiopulmonary and Physiol

1I G GOURLEY DVM PnD Assoc Prof

IC F GRAYSON MD Lect in Radiol

1A G HENDRICKX Lect

12C A HJERPE DVM Assec Prof and Assec Vet

12T A HOLLIDAY DVM PhD Assoc Prof and Assoc Vet

12J A HOWARTH DVM PhD Prof and Vet and Reprod and Enteric and Pseudorabies Viruses

12J P HUGHES DVM. Prof and Vet and Equine Reprod

12J W KENDRICK DVM PnD Prof and Vet and Reprod

1H D KNIGHT DVM PhD Asst Prof

1R L LEIGHTON DVM Prof Med and Small Anim Surg

1G V LING DVM Asst Prof

12BLAINE McGOWAN Jr DVM Prof and Vet

1D M MEAGHER DVM PnD Asst Prof

1J P MORGAN DVM Prof Vet Radiol

1Mrs VICKI G NELSON DVM Lect

1T R O'BRIEN DVM PhD Asst Prof

12W R PRITCHARD DVM PhD JD Prof and Vet

1R D SCHECHTER DVM Asst Prof Small Anim Med

12G H STABENFELDT DVM PhD Assoc Prof

1A A STANDARD EVM Actq Asst Prof 1P F SUTER DVM PhD Assoc Prof

12B C TFNNANT DVM Assoc Prof and Assoc Vet Int Med and Gastroenterol

12G H THEILEN DVM Prof and Vet

1J D WHEAT DVM Prof and Vet Large Anim Surg

1ALIDA P WIND DVM Lect Small Anim Surg

EPIDEMIOLOGY AND PREVENTIVE MEDICINE

1C W SCHWABE DVM ScD $\,$ Prof Epidemiol and Chmn of Dept (916-752-1378)

12H E ADLER DVM PhD Prof and Vet

12R A BANKOWSKI DVM PhD Prof and Vet

12J B ENRIGHT PhD Prof and Microbiol 1C EFRANTI PhD Asst Prof and Asst Biostatis 1CONSTANTIN GENIGEORGIS DVM PnD Asst Prof in

Res 1JOYCE E GOGGIN DVM MPH Asst Prof and Asst

Epidemiol 1D R HARLOW PhD Asst Prof and Res Parasitol

1L J NEURAUTER DVM Lect
12L G RAGGI DVM PhD Prof and Vet

12H P RIEMANN DVM PhD Prof and Microbiol 12W W SADLER DVM MPH Prof and Vet

1A D WIGGINS PhD Asst Prof

12RICHARD YAMAMOTO PhD Prof and Microbiol

PATHOLOGY

1D L DUNGWORTH PnD Prof and Path and Chmn of Dept (916-752-1385)

12D R CORDY DVM PhD Prof and Path

1D H GRIBBLE DVM Lect

12P C KENNEDY DVM PhD Prof and Path

124J E MOULTON DVM PhD Prof and Path

1B I OSBURN DVM PhD Assoc Prof 1R R PCOL DVM PhD Asst Prof

PHYSIOLOGICAL SCIENCES

1A L BLACK PhD Prof and Biochem and Chmn of Dept (916-752-1373)

1V W BURNS PhD Assoc Pref and Assoc Biophys
1L K BUSTAD DVM PhD Prof Radiobiol and Dir of Radiobiol Lab

1G M CONZELMAN PhD Asst Prof

1D L CURRY PnD Asst Prof

1R A FREEDLAND PnD Prof and Biochem

1S N GIRI PhD Asst Prof 1MARY F GUEST PhD Asst Prof

1R J HANSEN PnD Asst Prof

CALIFORNIA 1178-1295

Veterinary Medicine, School of-Continued

1A A HEUSNER PhD Assoc Prof Physiol

14L W HOLM PhD Prof and Physiol

12H R PARKER DVM PhD Assoc Prof and Assoc Physiol

12S A PEOPLES MD Prof Compar Pharmacol

12C R ROGERS PhD Assoc Prof and Biochem
1R E SMITH PhD Prof Physiol

VETERINARY MICROBIOLOGY

12E L BIBERSTEIN DVM PhD Prof and Microbiol and Chmn of Dept (916-752-1400)

12N F BAKER DVM PhD Prof and Parasitol

1H S CAMERON DVM PhD Prof Emeritus and Microbiol

12 I R DOUGLAS PhD Prof and Parasitol

1M M J LAVOIPIERRE MS ChB Prof 1AUDRIA MATHESON PhD Asst Prof

12D G McKERCHER DVM PhD Prof and Virol

1MARGARETE MEYER PhD Lect and Microbiol

12J W CSEBOLD DVM PhD Prof Micrebiol

1MOSHE SHIFRINE PhD Prof in Res

12CLYDE STORMONT PhD Prof and Serol

12Y C ZEE DVM PhD Assoc Prof and Assoc Microbiol

Los Angeles 90024

1180

12V T STOUTEMYER PhD Assoc Dir of Sta (PO Los Angeles Tel Area Code 213-825-3163)

Agricultural Sciences

1182

12V T STOUTEMYER PhD Prof Ornam Hort and Chmn of Dept

12WALTER EBELING PhD Prof Ent 2R J PENCE Spec Expt Sta Ent

2R E WAGNER Assoc Spec Expt Sta Ent

12ARTHUR WALLACE PhD Prof Plant Nutr

Riverside 92502 (Main tel 714-787-1012)

1185

12W M DUGGER Jr PhD Dean of Col of Bio-Agr Sci (714-787-3101)

12N T COLEMAN PhD Assoc Dean Col of Bio-Agr Sci (714-787-3103)

12B E DAY PhD Assoc Dir of Citrus Res Center and Sta (714-787-3106)

Biochemistry 1250

12R T WEDDING PhD Prof and Biochem and Chmn of Dept (714-787-4227)

12M F DUNN PhD Asst Prof and Asst Biochem

124I L EAKS PhD Lect and Plant Physiol

12L C ERICKSON PhD Prof of Bot and Plant Physiol

12C E FURLONG Jr PhD Asst Prof and Asst Biochem

2A R HAAS PhD Plant Physiol Emer

12DAROLD HOLTEN PhD Asst Prof and Asst Biochem

12J B MUDD PhD Prof and Biochem

12E A G NOLTMANN PhD Prof and Biochem

124A W NORMAN PhD Assoc Prof and Assoc Biochem 12 AWRENCE ORDIN PhD Prof and Biochem

12N G PON PhD Assoc Prof and Assoc Biochem 12B R REID PhD Asst Prof and Asst Biochem

12L M SHANNON PhD Prof and Biochem

12W B SINCLAIR PhD Prof and Biochem Emer

2F M TURRELL PhD Plant Physiol

Entomology

1270

12H T REYNOLDS PhD Prof and Ent and Chmn of Dept (7)4-787-5831)

DIVISION OF BIOLOGICAL CONTROL

12E C BAY PhD Assoc Prof and Assoc Ent and Head

12B R BARTLETT PhD Lect and Ent

1C P CLAUSEN PhD Prof Emer 2HAROLD COMPERE Spec Emer

12P H DeBACH PhD Prof and Ent 2T W FISHER PhD Spec Expt Sta

12S E FLANDERS PhD Prof and Ent Emer

Entomology-Continued

12C A FLESCHNER PhD Prof and Ent 12R D GOEDEN PhD Asst Prof and Asst Ent

12DANIEL GONZALEZ PhD Lect and Asst Ent

12I M HALL Jr PhD Prof of Ins Path and Ins Path

2M E IRWIN BS Asst Spec in Expt Sta

12E F LEGNER PhD Assoc Prof and Assoc Ent

12 J A McMURTRY PhD Lect and Assoc Ent

124E R OATMAN PhD Lect and Assoc Ent 12E L REEVES PhD Lect and Asst Ins Path

2P H TIMBERLAKE AM Assoc Ent Emer

DIVISION OF ECONOMIC ENTOMOLOGY

12W H EWART PhD Prof and Ent and Head of Div

12L D ANDERSON PhD Prof and Ent

2E L ATKINS Jr MS Spec Expt Sta 12M M BARNES PhD Prof and Ent

12A M BOYCE PhD Prof and Ent Emer

12L R BROWN PhD Prof and Ent 12G E CARMAN PhD Prof and Ent

12R C DICKSON PhD Prof and Ent

2H S ELMER MS Spec Expt Sta

12F A GUNTHER PhD Prof and Chem

2R L HALE BS Assoc Spec Expt Sta 12L R JEPPSON PhD Lect and Ent

25A N KISHABA PhD Assoc Expt Sta

12D L LINDGREN PhD Lect and Ent

12M S MULLA PhD Prof and Ent

25G N OLDFIELD MS Assoc Expt Sta

2J C ORTEGA BS Spec Expt Sta 12J D PINTO PhD Asst Prof and Asst Ent

25D K REED MS Assoc Expt Sta

25RICHARD RICE PhD Assoc Expt Sta

12L A RIEHL PhD Prof and Ent

25J G SHAW MS Assoc Expt Sta

12V M STERN PhD Prof and Ent

25M W STIMMANN PhD Assoc Expt Sta

12R G STRONG PhD Lect and Assoc Ent 2W E WESTLAKE PhD Res Chem.

DIVISION OF TOXICOLOGY AND FHYSIOLOGY 12RB MARCH PhD Prof and Ent and Head of Div

12T R FUKUTO PhD Prof Ins Toxicol and Prof of Chem

12L K GASTON PhD Lect and Assoc Chem

12G P GEORGHIOU PhD Prof and Ent

12R N JEFFERSON PhD Prof and Ent

12T A MILLER PhD Asst Prof and Asst Ent

12H H SHOREY PhD Prof and Ent

Life Sciences

1295

IF C VASEK PhD Prof of Bot and Chmn of Dept (714-787-5901)

1W L BELSER Jr PhD Assoc Prof of Microbiol

14C R BOVELL PhD Prof of Microbiol

1L H CARPELAN PhD Assoc Prof of Biol

1K W COOPER PhD Prof of Biol

25Mrs RUTH COOPER PhD Res Assoc 12W M DUGGER Jr PhD Prof of Bot and Bot

IE B EDNEY PhD Prof of Zool
IR D FARLEY PhD Asst Prof of Zool

1R W GILL PhD Asst Prof of Biol

1G W GILLETT PhD Prof of Bot

1V H GOODMAN PhD Assoc Prof of Bot

12R L HEATH PhD Asst Prof and Asst Biol

1H B JOHNSON PhD Asst Prof of Biol 1W W MAYHEW PhD Prof of Zool

IJ A MOORE PhD Prof of Biol

1RL MORETTI PhD Asst Prof of Biol

12I M NEWELL PhD Prof of Zool and Zool 14D R PARKER PhD Prof of Biol

IE C PAULING PhD Assoc Prof of Biol

1E T PENGELLEY PhD Assoc Prof of Biol 1TIMOTHY PROUT PhD Prof of Zool

IRODOLFO RUIBAL PhD Prof of Zool II W SHERMAN PhD Prof of Zool

1V H SHOEMAKER PhD Assoc Prof of Zool

2L P TEVIS Jr AB Assoc Spec Expt Sta

12W W THOMSON PhD Assoc Prof of Biol and Assoc Biol

1295-1330 CALIFORNIA

Life Sciences—Continued

12I P TING PhD Assoc Prof of Biol and Assoc Plant Physiol

Nematology

12S A SHER PhD Prof and Nematol and Chmn of Dept (714-787-4435)

12R C BAINES PhD Lect and Nematol 12C E CASTRO PhD Prof and Chem

12REINHOLD MANKAU PhD Assoc Prof and Assoc Nematol

12J D RADEWALD PhD Lect and Agr

12I J THOMASON PhD Prof and Nematol

12S D VAN GUNDY PhD Prof and Nematol and Assoc Dean for Res (Grad Div)

Plant Pathology

12G A ZENTMYER PhD Prof and Plant Path and Chmn of Dept (714-787-4115)

1310

1315

12J G BALD PhD Prof and Plant Path

12SALOMON BARTNICKI-GARCIA PhD Assoc Prof and Assoc Microbiol

12E C CALAVAN PhD Prof and Plant Path

25J B CARPENTER PhD Assoc Expt Sta

12E F DARLEY PhD Lect and Plant Path

12P R DESJARDINS PhD Prof and Plant Path

2T A DeWOLFE MS Spec Expt Sta

12J W ECKERT PhD Prof and Plant Path

12R M ENDO PhD Assoc Prof and Assoc Plant Path 12D C ERWIN PhD Prof and Plant Path 12D J GUMPF PhD Asst Prof and Plant Path

25G H KALOOSTIAN MS Assoc Expt Sta

12N T KEEN MS Asst Prof and Asst Plant Path

12L J KLOTZ PhD Prof and Plant Path Emer

12M J KOLBEZEN PhD Lect and Chem

12J V LEARY PhD Asst Prof and Asst Plant Path 2P R MILLER PhD Assoc Expt Sta (Forest Serv)

12D E MUNNECKE PhD Prof and Plant Path

123A O PAULUS PhD Lect and Assoc Expt Sta

12HENRY SCHNEIDER PhD Lect and Plant Path

12J J SIMS PhD Assoc Prof and Assoc Chem
12P H TSAO PhD Prof and Plant Path
2Mrs PAMELA W TSAO MS Assoc Expt Sta

12J M WALLACE PhD Prof and Plant Path Emer

12L G WEATHERS PhD Prof and Plant Path

25N S WILSON MS Assoc Expt Sta

Plant Sciences

12R K SOOST PhD Prof and Genet and Chmn of Dept (714-787-4413)

25A R BERG PhD Assoc Expt Sta (For Serv)2B O BERGH PhD Spec Expt Sta

ILEON BERNSTEIN PhD Prof of Plant Physiol in Residence

12W L BERRY PhD Asst Prof of Plant Physiol and Asst Plant Physiol

12W P BITTERS PhD Prof of Hort and Hort

2B S BOSWELL BS Spec Expt Sta
2R F BREWER PhD Assoc Hort
12J W CAMERON PhD Prof of Hort and Genet
124G H CANNELL PhD Prof of Veg Crops and Soil Phys
12C W COGGINS Jr PhD Lect and Plant Physiol

12I J CONDIT PhD Prof and Hort Emeritus

12B E DAY PhD Prof of Hort Sci and Plant Physiol
2J M DODGE BS Assoc Expt Sta (Calif For)

12T W EMBLETON PhD Lect and Hort

25J R FURR PhD Assoc Expt Sta 12J R GOODIN PhD Lect and Assoc Spec Expt Sta

25L RGREEN MS Assoc Expt Sta (For Serv)

25W O GRIESEL PhD Assoc Expt Sta

2H Z HIELDBA Spec Expt Sta 2W H ISOM PhD Assoc Expt Sta

12B L JOHNSON PhD Prof of Genet and Genet

12W W JONES PhD Prof of Hort Sci and Hort
12L S JORDAN PhD Prof of Hort Sci and Plant Physiol 12M RKAUFMANN PhD Asst Prof of Plant Physiol and

Asst Plant Physiol

12J D KIRKPATRICK PhD Lect and Assoc Hort

12JUNJI KUMAMOTO PhD Lect and Assoc Chem
12C K LABANAUSKAS PhD Prof of Hort Sci and Hort

Plant Sciences-Continued

12J W LESLEY PhD Prof and Gen Emeritus

2Mrs MARGARET M LESLEY PhD Assoc Expt Sta

12L N LEWIS PhD Assoc Prof of Hort Sci and Assoc

124L F LIPPERT PhD Assoc Prof of Veg Crops and Assoc Oler

20 D McCOY BS Assoc Spec Expt Sta 2P W MOORE BS Spec Expt Sta

12TOSHIO MURASHIGE PhD Assoc Prof of Hort Sci and Assoc Plant Physiol

2E M NAUER BS Spec Expt Sta
25E A NORD PhD Assoc Expt Sta (For Serv)
2R L PALMER MS Assoc Spec Expt Sta

12WALTER REUTHER PhD Prof of Hort Sci and Hort

25B J ROGERS PhD Assoc Expt Sta

2M J SCHROEDER BA Assoc Expt Sta

12R W SCORA PhD Assoc Prof of Hort and Assoc Bot 12O E SMITH PhD Assoc Prof of Plant Physiol and

Assoc Plant Physiol

12R J SMITH PhD Prof of Agr Econ and Agr Econ

12W B STOREY PhD Prof of Hort Sci and Hort
12J A SWADER PhD Asst Prof of Plant Physiol and Asst Plant Physiol

2F H TAKATORI MS Spec Expt Sta

120 C TAYLOR PhD Lect and Hort (APRC)

25C C WILSON MS Assoc Expt Sta (For Serv)

12D M YERMANOS PhD Assoc Prof of Agron and Assoc Agron

12R E YOUNG PhD Assoc Prof of Agron and Assoc Biochem

12V B YOUNGNER PhD Prof of Agron and Agron

Soil Science and Agricultural Engineering

12P F PRATT PhD Prof of Soil Sci and Chem and Chmn of Dept (714-787-5102)

1320

12F T BINGHAM PhD Prof of Soil Sci and Chem

1C A BOWL'P PhD Prof of Soil Sci in Residence

2G R BRADFORD MS Spec Expt Sta 2R F BREWER PhD Assoc Chem

25G K BROWN MS Assoc Expt Sta

25P F BURKNER MS Assoc Expt Sta 12H D CHAPMAN PhD Prof and Chem Emer

25J H CHESSON MS Assoc Expt Sta

12N T COLEMAN PhD Prof of Soil Sci and Chem (Dir P L Boyd Des R**e**s Cen)

25STERLING DAVIS MS Assoc Expt Sta

2F M.EATON PhD Assoc Expt Sta

2W J FARMER PhD Lect and Asst Chem 12D D FOCHT PhD Asst Prof of Soil Microbiol and

Asst Soil Microbiol 1W A HALL PhD Prof of Agr Eng (Dir Dry Lands Res

Cen)

12JOHN LETEY Jr PhD Prot of Soil Phys and Soil Phys

25R E LUEBS PhD Assoc Expt Sta

12J P MARTIN PhD Prof of Soil Sci and Chem
12J J OERTLI PhD Prof of Soil Sci and Soil Sci
12A L PAGE PhD Assoc Prof of Soil Sci and Assoc Chem

2R M PERKINS BS Assoc Spec Expt Sta

12R L PERRY BS Prof of Agr Engin and Agric

12S J RICHARDS PhD Prof of Soil Phys and Soil Phys

2D T SEAMOUNT MBA Assoc Spec Expt Sta

25W F SPENCER PhD Assoc Expt Sta
12L H STOLZY PhD Prof of Soil Phys and Soil Phys

2A P VANSELOW PhD Chem Emeritus

25UDELL VIS MS Assoc Expt Sta

12ARTHUR WALLACE PhD Prof of Plant Nutr and Plant Physiol

12E F WALLIHAN PhD Prof of Soil Sci and Chem

25W W WOLF MS Assoc Expt Sta

Statistics 1330

1FLORENCE N DAVID PhD Prof and Chmn of Dept (714-787-3774)

12R J BEAVER PhD Actg Asst Prof and Actg Asst Statis

12M J GARBER PhD Prof and Biomet (Dir Computer Center)

Statistics-Continued

Statistics—Continued	Research 1357	,
12DATTAPRABHAKAR GOKHALE PhD Asst Prof and	2 L J ASHWORTH Jr PhD Assoc Plant Path	
Asst Statis	2R F BREWER PhD Assoc Cheu.	
123T M LITTLE PhD Lect and Agr (Agr Ext Serv)	2A B CARLTON MS Soils Spec	
12HELEN M. MARCUS PhD Asst Prof and Asst Statis	2R L DOUTT PhD LLB Prof Parasitic Hymenoptera	
12G L ZAHN PhD Actg Asst Prof and Actg Asst Statis	2HSELMER MS Spec Ent	
	20 W GRIMES PhD Asst Water Sci Irrig Mat	
Extension Service (Agr) 1340	2C O HESSE PhD Pomol Prof Genet Fruit Brdg	
3H % COHWALM BS Asst State Dir	2R E PICE PhD Asst Ent	
3A D AULENBACHER MS 4-H Club-Youtn Spec	2C G SUMMERS PhD Asst Ent	
3R M BOARDMAN BA Ext Inform Spec		
3W R BOWEN MS Ext Ent	Extension Service (Agr) 1358	ł
3R L BRANSON PhD Ext Soils and Water Spec	3J V PATIFFSON RJ Asst State Dir	,
3J V CHAMBERS MA Ext Visual Spec	3F K ALJIBURY PhD Area Tech	
3A S CTAI, Ph.D. Ext Ent	3J E DIBBLE PhD - Ext Fnt	
	3D E JOHNSON PhD - Ext Plant New atol	
3W (: ALBBANK BS Ext Agr Engin		
3TOKUJI FURUTA PLD Ext Cream Hort	3K W OPITZ ES Ext Subtrop cal Hort	
3V A GIBEAULT BS Ext Turf and Land Hort	3H E PFOST MS Area Farm Adv	
3W PISOM PhD Ext Agron	3J P SCHRCEDER BS - Area Farm Adv	
3HUVIFR JOHNSON Jr MS Ext Veg Crops Spec	3K F TYLER PhL Ext Vey Crops Spec	
3A H LANGE PhD Ext Weed Control Spec	3 F A YEARY BS Farm Adv-Statewide	
3T M LITTLE PhD Ext Biomet		
3A W MARSH PhD Ext Imag and Soils Spec		
3C D McCARTY BA Ext Hort Technol	Humboldt State College, Arcata 95521 (Main tel 707-826-371	1)
3A C PAULUS PhD Ext Plant Path	1College Staff 9A-TR, M-S Program	
3R G PLATT BS - Ext Subtropical Hort		
3J L RALEWALD PhD Ext Plant Nematol	1360	j
3J M RIBLE PhD Ext Technol	1C H SIEMENS PhD Pres of College (707-826-3311)	
3R C ROOK PhD Ext Econ	1D M DOBKIN PnD Vice Pres for Academic Affairs	
3M H SWAMSON Ph.) Ext Poultry Spec	(707-826-3722)	
3A % NOCE Jr PhD Ext Econ	IW F MURISON PhD Dean for Public Services (707-	
3" " " JOST JI PHO EXTERIOR	826-3711)	
Field Stations 1350	020*3/11)	
Agricultural Field Stations (UC Davis 95616)	Forest Management	
	Forest Management 1364	•
2J L MYLER MS Spec Expt Sta and Dir 916-752-0126	19E W PITRSON MF Frof For Mgt	
2 E P SPECK BS Spec Expt Sta and Assoc Dir 916-752-	1D L ADAMS PnD Asst Prof For Mensur	
0126	11 H HANSEN MET As st Pro: For Mo:	
2K F GREENE MBA Spec and Engir 916-752-0126	IR A HURSEY MF Asst Prof Wood Tech	
Deciduous Fruit (125 N Winchester Blvd San Jose 95128)	IG L PARTAIN MET Prof For Econ	
2T M KRETCHUN BS Assoc Spec Expt Sta and Supt	11 A POWELL ME Asst Prof For Mar	
408-296-1672	1F ROBINSON MF Asst Prof For Engin	
Hopland (Rt 1 Box 53 Hopland 95449)	1R BUIBLEY MI' Asst Prof For Mgt	
2A H MURPHY BS Spec Expt Sta and Supt 1707-744-	1W R SISE PhD Asst Prof For Mgt	
2701	1D A THORNBURGH PhD Assoc Prof Silvic	
Imperial Valley (1004 E Holton Rd El Centro 92243)	ICS YEE MF Instr For Engin	
2G F WORKER Jr MS Spec Expt Sta and Supt 714-356-		
2175	Range Management 1365	
Kearney Horticultural (9240 S Riverbend Ave Parlier 93648)	IR B TURNER PhD Asst Prof Range Mat	
2F R CODDINGTON BS Assoc Spec Expt Sta and Supt	The Followith the Control of the Con	
209-646-2794	Wildlife Management 1366	
Lindcove (22963 Carson Ave Exeter 93221)	17 E GENELLY PhD Prof Wildlife Mat	
2R D COPELAND MS Assoc Spec Expt Sta and Supt	1S W HARRIS PhD Prof Wildlife Mgt and Coord of Wild-	
209-592-2408		
	life Mgt	
Sierra Focthill Hange (PO Box 28 Browns Valley 95918)	1A S MOSSMAN PhD Asst Prof Wildlife Mgt	
2J P GUILD BS Assoc Spec Expt Sta and Supt 916-639-	1J R KOPLIN PhD Asst Prof Wildhie Mat	
2306		
South Coust (7601 Irvine Blvd Santa Ana 92705)	Natural Resources - Soils 1368	i
2D F MILLEN Spec Expt Sta and Supt 714-544-2050	1M B RHEA PhD Prof Soils	
Tulelake (PO Box 477 Tulelake 96134)	1D L HAUXWELL PhD Asst Prof Soils	
2Y P PURI PhD Assoc Spec Expt Sta and Supt 916-		
667-5117		
West Side (PO Box 158 Five Points 93624)		
2R M HCCVERMS Spec Expt Sta and Supt 209-884-	COLORADO	
24.1		
2B J HOYLE MS Spec Expt Sta 209-884-2411	The Colleges of Agricultural Sciences, Engineering,	
	Forestry and Natural Resources, Home Economics, Humani-	
	ties and Social Sciences, Natural Sciences, Veterinary	
Departmental Field Stations 1355	Medicine and Biomedical Sciences, the Agricultural Experi-	
Nolfskill Expt Orchard (PC Winters 95694) 916-795-2218	ment Station, and the Cooperative Extension Service of	
Dept of Pomol (UC Davis 95616)	Colorado State University, Fort Collins 80521 (Main tel 303-	
Vitic Expt Vineyard (138 Oakville Grade Oakville 95462)	491-1101)	

University Administration

123A R CHAMBERLAIN PhD Pres (303-491-6211)

1M A BINKLEY PhD Vice Pres for Finance and Facilities (303-491-5258)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Federal Agencies 7Other State Grant Agencies 8Misc 9A-IR, M-8 Program

San Joaquin Valley Agricultural Research and Extension Center Parlier 93648 (209-646-2794)

707-944-2315

Dept of Vitic and Enol (UC Davis)

COLORADO 1370-1375

University Administration-Continued

- 12RUE JENSEN DVM PhD VScD Vice Pres for Res 303-491-5373)
- 1 I TIETZ Ir PhD DVM Vice Pres of Stud and Univ Belat (303-491-5313)
- 1C W HOTCHKISS EdD Assoc Vice Pres of Stud and Univ Relat (303-491-6741)
- 1C O NEIDT PhD Academic Vice Pres (303-491-6614)
- 1F J VATTANO PhD Asst Academic Vice Pres for Instructional Innovation (303-491-6614)
- 1L H WATTS MS Dir for Ext and Univ Servs and Dir of Coop Ext Serv (303-491-6281)
- 13C J HOFFMAN PhD Dir of Cont Educ (303-491-5288)
 12D F HERVEY PhD Dir of Staland Prof. Range Sci
- (303-491-5371)
- 12J F EARLY MEd Asst to Dir of Sta and Asst Prof Agr (303-491-6274)
- 2G W HAMILTON BS Admin Asst to Dir of Sta (303-491-53711
- 12D D JOHNSON PhD Assoc Dir of Expt Sta and Dean of Col of Agr Sci (303-491-6274)
- IN E EVANS PhD Dir of Environ Resources Center (303-491-6952)

Agricultural Sciences, College of

1375

- 12D D JOHNSON PhD Dean and Prof of Soil Microbiol (303-491-6274)
- 12% R THOMAS PhD Assoc Dean and Prof Food Technol 303-491-6274)
- 12E JF EARLY MS Asst to Dir of Sta and Asst Prof Agr (303-491-6274)

AGRONOMY

- 12R S WHITNEY PhD Prof and Head of Dept Soil Chem
- **3W** S BALL MS Ext Asst Prof Field Crops **12**W A BERG PhD Asst Prof Soil Sci and Reveg
- 12K G BRENGLE PhD Assoc Prof Fert Mgt
- 5F E CLARK PhD Fac Affil Microbiol
- 5A J CLINE BS Fac Affil Soil Sci Soil Genesis Classif and Mapping
- 5C V COLE PhD Fac Affil Soil Sci Soil Chem
- 12R L CUANY PhD Asst Prof Crop Brdg Genet Corn Grasses
- 8B C CURTIS PhD Fac Affil Wheat Brdg Hybrid Wheat
- 12R E DANIEL SON PhD Prof Soil Phys 12A D DOTZENKO PhD Prof Forage Crops and Crop Mat
- 12K G DOXTADER PhD Assoc Prof Soil Microbiol
- 3J W ECHOLS MS Ext Asst Prof Seed Certif
- 12G H ELLIS MS Research Assoc Crop Brdg Wheat
- SCEEVANS PhD Fac Affil Res Admin Soil Sci
- 12W T FRANKLIN MS Asst Prof Soil Chem (Salinity)
 5H RGARENER PhD Fac Affil Soil Phys
- 5W D GUENZI PhD Fac Affil Soil Chem
- 5H R HAISE PhD Fac Affil Soil Chem

 12T E HAUS PhD Prof Crop Brdg Hybridization Small Grains
- 5R J HECKER PhD Fac Affil Genet
- 12R D HEIL MS Asst Prof Soil Genesis Classif and Surv
- 23G W HERGERT BS Jr Ayron and Ext Agron Soil Test
- 125ARNOLD KLUTE PhD Prof Soil Phys
- 12W L LINDSAY PhD Prof Soil Chem Micronutr
- 12W D LUEBBE MS Instr Field Crops
- **5**F A NORSTADT PhD Fac Affil Soil Chem
- **5**S R OLSEN PhD Fac Affil Soil Sci Soil Chem
- **5**L K PORTER PhD Fac Affil Soil Chem
- 1E E REMMENGS Prof Bio! Statis

- 12T A REUHR MS Instr Soils

 12J O REUSS PhD Assoc Prof Soil Chem

 12SC ROMSDAL MS Asst Prof Soil Fert Micronutr

 12B R SABEY PhD Soil Microbiol
- 12W R SCHMEHL PhD Prof Soil Fert Chem
- 5G A SMITH PhD Fac Affil Genet
- 3W G STEWART BS Ext Assoc Prof Field Crops Gen Agron
- **5**C E TOWNSEND PhD Fac Affil Genet Plant Genet Clover
- 12TAKUMI TSUCHIYA PhD Assoc Prof Barley and Radiation Genet

Agricultural Sciences, College of-Continued

- 5F G VIETS PhD Fac Affil Soil Fert
- 5F S WATANABE MS Fac Affil Soil Sci Soil Chem
- 12J R WELSH PhD Assoc Prof Crop Brdg Hybridization Wheat Genet
- 5C J WHITFIELD PhD Fac Affil Soil Sci Soil-Water-Plant Residue Interrelat
- 12D R WOOD PhD Prof Crop Brdg Hybridization Cytogenet
- 12V E YOUNGMAN PhD Assoc Prof Field Crops

ANIMAL SCIENCE

- 123J W OXLEY PhD Prof and Head of Dept
- 1T R BLACKBURN MS Assoc Prof Swine
- 12J S BRINKS PhD Assoc Prof Brdg and Genet
- 12D A CRAMER PhD Prof Meats
- 3W R CULBERTSON BS Ext Assoc Prof Horses and Beef Cattle
- 12A L ESPLIN PhD Prof Sheep
 23M W HEENEY PhD Ext Assoc Prof Swine
 12J E JOHNSON PhD Asst Prof Radiobiol
- 3D C JORDAN MS Ext Dairy Spec
- 12K L KNOX PhD Assoc Prof Anim Nutr and Physiol
 12A I LOVAAS MS Asst Anim Sci Radiol
- 12M M MATHIAS PhD Assoc Prof Nutr
- 123J K MATSUSHIMA PhD Prot Anim Nutr
- 12E K McKELLAR MS Assoc Prof Dairy Husb
- 12J G NAGY Phl' Assoc Prof Fisheries and Wildlife Biol
- 3P S PATTENGALE MS Ext Prof Beef Cattle 12R W PHILLIPS PhD Assoc Prof Physiol

- 12J B PRUET MS Instr Meats
 12J T RIKER PnD Asst Prof Horses
 3G E SCOTT MS Ext Assoc Prof Sheep and Wool
- 4W F. SNYDER PhD Assoc Prof Dairy Mfg
- 4H H STONAKER PhD Prof Anim Brdg 12CL STREETER PhD Asst Prof Anim Nutr
- 12T M SUTHERLAND PhD Prof Anim Genet 12V B SWANSON PhD Assoc Prof Sheep and Wool
- 12R E TAYLOR PhD Prof Beef
 12P P TELLE PhD Asst Prof Anim Nutr
- 12G M WARD PhD Prof Anim Nutr
- 12J N WILTBANK PhD Assoc Prof Beef Brdg and Reprod
- 6(US Army) Z Z ZIPORIN PhD Affil Nutr

AVIAN SCIENCE

- 12R EMCRENG PhD Prof and Head of Dept and Physiol and Genet
- 12J S AVENS BS Instrand Prod Microbiol
- 23H L ENOSMS Ext Asst Poultry Sci and Asst Poultry Sci and Genet
- 12E W KIENHOLZ PhD Prof and Nutr
- 12B F MILLER PhD Assoc Prof and Prod Technol 12H D MULLER PhD Assoc Prof and Physiol and
- Genet
- 2D D NEIL L MS Game Bird Mgt
- 12Mrs CHERYL F NOCKELS PhD Assoc Prof and Biochem.

ENTOMOLOGY

12W D FRONK PhD Prof and Head of Dept Econ Ent 6(HEW) ALLAN BARNES PhD Fac Affil Med Ent

12J W BREWER PhD Asst Prof Hort Ins

- 2K J CCLLYARD MS Res Assoc

- 6(HEW) P B FRANCY PhD Fac Affil Med Ent 3V M HANTSBARGER MS Ext Assoc Prof Ent 6(HEW) F C HARMSTON MS Fac Affil Med Ent
- 6(HEW) ROHAYES PhD Fac Affil Med Ent
- 12L E JENKINS MS Asst Prof Econ Ent 12R E JOHNSEN PhD Asst Prof Toxicol
- 5R H JONES PhD Fac Affil Livestock Ent 12A S KAMAL PhD Assoc Prof Ins Physiol
- 5W F McCAMBRIDGE FS Fac Aiful For Ent 6(HEW) L J CGDEN MS Fac Afful Med Ent
- 5J M SCHMID PhD Fac Affil For Fnt
- 12R G SIMPSON PhD Assoc Prof Econ Ent 5R ESTEVENS PhD Fac Affil For Ent
- 12T O THATCHER PhD Prof For Ins Ecol
- 5N DWYGANT PhD Prof For Ent

COLORADO 1375-1435

Agricultural Sciences, College of-Continued

HORTICULTURE

12K M BRINK PhD Prof and Head of Dept

123C W BASHAM PhD Asst Prof Veg Crops

12D W DENNA PhD Assoc Prof Veg Crops

23J E ELLS PhD Assoc Hort and Ext Spec Veg Crops

3J R FEUCHT PhD Assoc Hort Ext Hort Landsc Plants 12K L GCLDSBERRY PhD Asst Prof Flor

12J J HANAN PhD Assoc Prof Flor 12W D HOLLEY MS Prof Flor

1C J JORGENSEN MS Assoc Prof Fruits

3K W KNUTSON PhD Ext Assoc Prof Potato Impr

12W G MACKSAM MS Assoc Prof Ornam Hort

5(ARS) B M POLLOCK PhD Fac Affil Seed Physiol

5(ARS) E.E. ROOS PhD Fac Affil Bio Chem
3J J SHAUGHNESSY BS Ext Hort Seed Potatoes

12MILTON WORKMAN PhD Prof Post Harvest Phys

Engineering, College Of

1L V BALDWIN PhD Dean and Prof of Civ Engin (303-491-6603)

12D B SIMONS PhD Assoc Dean Engin Res and Prof of Civ Engin (303-491-8655)

AGRICULTURAL ENGINEERING

12J M. HARPER PhD Prof and Head Food Technol

12J W ADDINK MS Res Assoc Irria 12A T COREY PhD Prof Ground Water and Hydrol

6(ARS) H B DUKE MS Fac Affil Irrig and Drain

1N A EVANS PhD Prof Irrig and Drain

12L R FREEMAN MS Res Assoc Water Quality Mgt

6(ARS) H R HAISE PhD Fac Atfil Irrig and Drain 123R W HANSEN MS Assoc Prof Crop Storage and

Structure

12W E HART PhD Assoc Prof Irrig and Drain

6(ARS) D F HEERMANN PhD Fac Affil Irrig and Drain

120 W HOWE MS Res Assoc Irrig and Drain

3D E KONARD MS Area Ext Irrig Engin

6(ARS) E G KRUSE PhD Agr Engin Irrig and Drain

IR A LONGENBAUGH MS Fac Affil Hydrol and Ground Water

123D L MILES MS Asst Prof Irrig

12G V SKOGERBOE Asst Prof Water Control and Measurement.

12A G STORY PhD Asst Prof Power Mach and Proc

12D K SUNADA PhD Fac Affil Ground Water

6(ARS) A W THOMAS MS Fuc Affil Irrig

1W R WALKER MS Res Assoc Irrig and Drain
12R C WARD PhD Asst Prof Syst Anal

ATMOSPHERIC SCIENCE

1E RREITER PhD Prof and Head of Dept Gen Circ Turbulence and Jet Stream

1HERBERT RIEHL PhE Prof Dyn Atmos Motion 1FERDINAND BAER PhD Assoc Prof Dyn of Atmos

Number Anal and Pred 6(ESSA) F W BARRETT PhD | Fac Affil Met Instru

6(FSCA) E R BEAN PhD Fac Affil Electro Wave

Propagat, Micrometerol

1M L. COPRIN PhD Prof Air Pollution, Atmos Chem

1S K COX PhD Asst Prof Radiat Gen Circ

6(US AFMY) O M ECSENWANGER PhD | Fac Affil Statis M∈thods of Met and Climatol

6(ESSA) R M GALLET PhD Fac Affil Upper Atmos

412L O GRANT MS Prof Atmos Phys Weather Modificat
41W M GRAY PhD Assoc Prof Tropical Met

6(NCAR) BERNHARD HAURWITZ PhD Visiting Prof Theoret Met

12J L RASMUSSEN MS Asst Prof Water Resources

1D B RAC PhD Asst Prof Dyn Met

1P C SINCLAIR PhD Assoc Prof Phys Met

1TH VONDER HAAR PhD Asst Prof Satellite Met

CIVIL ENGINEERING

1J W N FEAD PhD Prof and Head of Dept Structures

IM L ALBERTSON PhD Prof Water Resource Syst

1A H BARNES PhD Assoc Prof Hydrol

1J M BELL PhD Prof Soil Mech

14M E BENDER MCE Prof and Dean SEATO Grad Sch of Engin Admin

Engineering College of-Continued

1JOCELYN BREWER MA Res Assoc Hydraul

IJ E CERMAK PhD Prof Mech Fluid Dvn

IM E CRISWELL PhD Asst Prof Structures

6(USGS) D R DAWDY MS Hydrol

8R L DRAKE PhD F'luid Mech Fac Affil

1J A GARRISON MSB Asst Civ Engin Fluid Mech

12JOHANNES GESSLER PhD Assoc Prof Hydraul

1J R GCODMAN PhD Assoc Prof Structures 6(USGS) H P GUY MS Hydraul

1R W HAYMAN PhD Assoc Prof Structures

1D W HENDRICKS PhD Assoc Prof Sanit Engin

1SUSUMU KARAKI PnD Prof Hydraul

1H J KOLOSUES PhD Prof Hydraul 1G O LOF ScD Prof Water Resources Engin

12R A LONGENBAUGH MS Asst Prof Ground Water

6(USGS) R S McQUIVEY PhD Hydraul

12A G MERCER PhD Assoc Prof Hydraul
1R N MERONEY PhD Assoc Prof Fluid Dyn

1H J MOREL-SEYTOUX PhD Assoc Prof Hydrol and Ground Water

6(USGS) E A MOULDER BS Ground Water

1E C NICKERSON PhD Asst Prof Fluid Mech

1F D NIELSON PhD Assoc Prof Soil Mech

6(USGS) C F NORDIN PhD Hydraul

8G G OLSON PhD Hydraulics Fluid Mech Fac Affil

6(USGS) R E RATHBUN PhD Hydraul

1E V RICHARDSON PhD Prof Hydraul

1J F RUFF PhD Asst Prof Hydraul 1W Z SADEH PhD Assoc Prof Fluid Mech

1V A SANDBORN MS Prof Mech Fluid Dyn

1E G SCHULZ MS Assoc Prof Hydrol

1H H SCHWEIZER MS Prof Mech

1H W SHEN PhD Prof Hydraul

1D B SIMONS Assoc Dean Prof Hydraul 12M M SKINNER MS Asst Prof Ground Water

12G L SMITH MS Assoc Prof Hydrol

1D K SUNADA PhD Assoc Prof Ground Water

1C W THOMAS MS Prof Water Resources

1E G THOMPSON PhD Assoc Prof Soil Mech 1PETAR TODOROVIC PhD Assoc Prof Hydrol

1L S TUCKER MS Res Assoc Water Resource Systems

1J P TULLIS PhD Assoc Prof Hydraul

1M D VANDERBILT PhD Assoc Prof Structures

123J C WARD PhD Assoc Prof Water Pollution

5(APS) D A WOOLHISER PhD Hydrol 12VUJICA YEVJEVICH PhD Prof Hydrol

Forestry and Natural Resources, College of

129R E DILS PhD Dean and Prof Watershed Mgt (303-491-66751

1L E LANE BS Instr (303-491-5220)

1C L MAHONEY PhD Assoc Prof (303-491-6011)

IR S WHALEY PhD Assoc Dean and Prof For Sci (303-491-6542)

FISHERY AND WILDLIFE BIOLOGY

12G A SWANSON PhD Prof and Head of Dept

1J ABAILEY PhD Asst Prof Wildlife Biol

6(USDI) F J BEHNKE PhD Asst Prof Fishery Biol

7CLAIT BRAUN PhD Fac Affil

1EUGENE DECKER MS Asst Prof Wildlife Biol
1W H EVERHART PhD Prof Fishery Biol
6(USDI) ROBERT FINLEY PhD Fac Affil

1S A F'LICKINGER PhD Asst Prof Fishery Biol

1R C FRANCIS PhD Asst Prof Fishery Biol
1N R FRENCH PhD Prof Wildlife Biol

6(USDI) F A GLOVER PhD Prof Wildlife Biol

7JACK GRIEB MS Fac Affil 6(USDI) JACK GROSS PhD Asst Prof Wildlife Biol

1H K HAGEN PhD Assoc Prof Fishery Biol 1DALE HEIN PhD Asst Prof Wildlife Biol

6(USDI) DALE HOFFMAN PhD Fac Affil

6(USDI) JAMES KENNELLY PhD Fac Affil

6(USDI) CHARLES LOVELESS PhD Fac Affil 6(USDI) WILLIAM McCONNELL PhD Prof Fishery Biol

6(USDI) LOWELL McEWEN PhD Fac Affil

12JULIUS NAGY PhD Assoc Prof Wildlife Biol

1GEORGE POST PhD Assoc Prof Fishery Biol

1435

COLORADO 1435-1440

Forestry and Natural Resources, College of-Continued

1R A RYDER PhD Prof Wildlife Biol 7WAYNF SEAMAN MS Fac Affil 13D R SMITH MS Asst Prof Wildlife Biol 12H W STEINHOFF PhD Prof Wildlife Biol 6(USDI) R D THOMPSON PnD Fac Affil 5C C 1.ALLMO PhD Fac Affil

FOREST AND WOOD SCIENCES

12F F WANGAARD PhD Prof and Head of Dept
5R R ALEXANDER MF Fac Afril Silvic
5S R ANDREWS PhD Fac Afril For Path
12C W BARNEY DF Prof Silvic

12JOZSEF BODIG PhD Assoc Prof Wood Sci and Tech-

3T B BORDEN MS State For 14D L CREWS PhD Assoc Prof Mood Sci and Technol

1R W DAVIDSON MS Fac Affil For Path 12G H FECHNER PhD Prof For Genet

1W E FRAYER DF Assoc Prof For Brometry
12E W MOGREN PhD Prof For Mat
51. A MUFILLER BS Fac Affil Wood Sci

5C A MYERS PhD Prof For Mit 1C P P BEIL PhD Asst Prof For Physical

5FRALK ROLL OMS Fac Affil For Physical
7CH SCHMUNK BUT Fac Affil For Physical
1E AUGHECEDER Phl. From Wood Cher
1E CURRELEY FALL Asst Prot For Econ
12H E TROXELL DE Prof Wood Sci and Technol

5H E WORTH MS Fac Affil For Econ

2N T WYGANT PhD Prof For Ent

BANGE SCIENCE

123C W COOK PhD Prof and Head of Dept

5R E BEMENT PhD Spec Lect 12C D BONHAM PhD Assoc Prof

5P O CURRIE PhD Spec Lect
5R S I LASCOLL PhD Range Sci

12R M HANSEN PhD Prof Range Biol

5W R HOUSTON PhD Fac Affil Range Sci

5D N HYDER PhD Fac Affil Range Sci

1D A JAMESON PhD Assoc Prof Range Sci

3R J KOTICH MS Ext Conserv

12R W MARQUISS PhD Asst Prof and Supt San Juan Basın Br Sta

5W J McGINNIES PhD Spec Lect

12W H MOIR PhD Asst Prof Range Sci 12P L SIMS PhD Asst Prof

12W D STRIFFLER PhD Assoc Prof Watershed Mgt 1G L SWARTZMAN PhD Asst Prof

12H I, TELLER PhD Assoc Prof Watershed Mgt 12M J TRLICA PhD Asst Prof

1C H #ASSER MS AND MF Prof

RECREATION RESOURCES

12A T WILCOX PhD Prof and Head of Dept

1H R ALDEN PhD Assoc Prof Cutdoor Recreation 1ROBERT AUKERMAN PhD Asst Prof Outdoor Recreation

1H D BURKE BS Fac Atril

3S G CASE MS Community Devipmt

1R B HELD PhD Prof Outdoor Recreation

1W D MILLER MS Instr Outdoor Recreation

WATERSHED SCIENCES

12W E MARLATT PhD Prof and Head of Dept

5M D HOOVER MS Fac Affil 5J L KOVNER PhD Fac Affil 5M MARTINELLI PhD Fac Affil

12J R MEIMAN PnD Assoc Prof Watershed Sci 1L D MILLER PnD Asst Prof Watershed Sci

1J A SMITH PhD Asst Prof Watershed Sci

12% D STRIFFLER PhD Aspoor Prof Watershed Sci 1H L TELLER PhD Assoc Prof Watershed Sci

Home Economics, College of 1440 12Mrs ELIZABETH D GIFFORD PhD Dean and Prof of Home Econ (303-491-6331)

Home Economics, College of-Continued

CHILD DEVELOPMENT

1D B GARDNER PhD Prof and Head of Child Devlpmt and Fam Relat

1JANET FRITZ MS Instr of Child Devlpmt and Fam Relat

1Mrs MARGARET B HANSON MS Prog Coord

1Mr. ELAINE D HAYNES MHE Instr of Child Devlpmt and Fam Relat

1Mrs JUDITH KUIPERS PhD Asst Prof of Child Develomt and Fam. Relat

1MARTHA A OWEN MS Instr of Child Devlomt and Fam Relat

1GLADYSPHELAN PhD Asst Prof of Child Devlpmt and Fam Relat

1Mrs MAHIE RENNELSMS Asst Prof of Child Devlpmt and Fan. Relat

1J G TURNER PhD Assoc Prof of Child Devlpmt and Fam Relat

CONSUMER SCIENCES AND HOUSING

12AVIS M WOOLRICH MS Prof and Head of Dept 1Mrs MILDRED G ARNOLD BS Assoc Prof of Household Equip

12Mr. MAY TOMBS MS Assoc Prof Fam From

1Mr: MARGARET F HAZALEUS MS Asst Prof Home Loun

1NANCY I HUNGERFORD MS Instr Home Mgt 1Mrs CAROL J MAKELA MHE Instr Home Mgt

3Mrs MILDRED S MASTERSON MExtEd Health and Safety Spec

3ALICE M MORROW MS Asst Prof Home Mgt Spec 1Mrs JANE E NORTON BS Instr Housing and Design 1SUZANNE PALMER MHE Instr Home Mgt

12Mrs BAHBARA J ROMSDAL BA Instr Housing and Design

3Mrs MARY G SHAFFER MHE Home Furn Spec

1Mrs FRNA TUETING MS Instr Home Econ 1CANURA THURLOW PhD Asst Prof Household Equip

FOOD SCIENCE AND NUTRITION

12G B JANSEN PhD Assoc Prof and Head of Dept 1GERTRUDE G BLAKER PhD Assoc Prof of Food Sci and Nutr

1Mrs ELAINE C CHARMAN MS Assoc Prof of Food Sci and Nutr

12JACQUELINE L DUPONT PhD Assoc Prof of Food Sci and Nutr

3SIGMUND GELLER PhD Asst Prof of Food Sci and Nutr
12Mrs INE? HARPILL PhD Prot of Flood Sci and Nutr

1Mrs MARILYN J HUMMER MS Instr Food Sci and Nutr 12GESTUR JOHNSON PhD Prof of Food Sci and Nutr 1ANNE M KYLEN MS Asst Prof of Food Sci

IVIRGINIA A LEE PhD Asst Prof of Food Sci ana Nutr

17J 3 HOUGH MA Asst Prof of Food Sci and Nutr 12J A MAGA FhD Asst Prof of Food Sci and Nutr 1M M MATHIAS PhD Asst Prof of Food Sci and Nutr

OCCUPATIONAL THERAPY

and Mutr

1MAJCRIE BALT MA Prof and Head of Dept 1Mrs MARTHA ANDERSON MS - Asst Prof of Occup

1T K JAMES MA Asst Prot of Occup Ther 1Mrs JULIA JUDSON MS Assoc Prof of Occup Ther 1BARBARA PICKETT MS Asst Prof of Occup Ther 1Mrs JANE SCOTT BS Instr of Occup Ther 1LOUIDE WENT T BS Instr of Occup Ther

TEXTILES AND CLOTHING

IJANET LELSEMS Asst Prof and Actg Head of Dept 12Mrs MARGARET BAER Phi A. . co Prof of Text and Cloth

1Mrs FRANCES J DUFFIELD MS Instr of Text and Cloth

1Mrs DORISHARD MHD Instr of Text and Cloth 1GEORGIA HESTER MS Instr of Text and Cloth 1Mis VIVIAN HCGGE MS Instr of Text and Cloth

COLORADO 1440-1510

Home Economics, College of-Continued

1Mrs FRANCES M JOHNSON MS Asst Prof of Text and Cloth

1Mrs CAROL G PRENTISS MHE Instr of Text and Cloth

1Mrs LAURA A VANCE MS Asst Prof of Text and Cloth

1Mrs KATHARINE F WILSON MS Instr Text and Cloth

1Mrs PATRICIA J WILSON MS Asst Prof of Text and Cloth

Humanities and Social Sciences, College of

1460

1D M OGDEN Jr PhD Dean of Humanities and Soc Sci and Prof of Pol Sci (303-491-5421)

IR C NELSON PhD Assoc Dean of Humanities and Soc Sci and Profof Speech Arts (303-491-5421)

1H A SMITH PhD Assoc Dean for Tchr Educ and Prof of Educ (303-491-5305)

ECONOMICS

1K C NOBE PhD Prof Natural Resource Econ and Chairman of Dept

5R L ANDERSON PhD Fac Affil Natural Resource Econ and Agr Econ

30 D BANKS PhD Prof Agr Econ

1H H BIGGS MA Asst Prof Econ Devlpmt

12C R CREEK MSA Assoc Prof Agr Econ

3H E CRIM MS Farm Mktg Spec

1R L DARCY PhD Prof Econ Educ

1L S FAN PhD Assoc Prof Econ Theory

1B R FROEHLICH BS Asst Prof Econometrics

5C K GEE PhD Fac Affil Agr Econ

12S I. GRAY PhD Asst Prof Agr Econ and Natural Resource Econ

3H P GRONEWOLLER MEd Farm Mktg Spec Agr Econ

1L M HARTMAN PhD Prof Econ Theory

1H J HUDEK PhD Assoc Prof Managerial Econ

3Mrs LETTA W JASPER MS Consum Mktg Spec Agr Econ

1J S KREBS BS Asst Prof Geog
12J H LEWIS PhD Prof Agr Econ
5R D LLOYN PhD Fac Affil Natural Resource Econ

12A G MADSEN PhD Assoc Prof Agr Econ

1J RMcKEAN PhD Assoc Prof Econ Theory and Econometrics

5T A MILLER PhD Fac Affil Agr Econ and Quant Methods

5J A MUNGER PhD Fac Affil Natural Resource Econ and Aar Econ

3S K OAKLEAF BS Community Serv Spec Econ Devlpmt 1TERUTOMO OZAWA PhD Asst Prof Internatl Econ 1R D PETERSON PhD Assoc Prof Econ Theory

12G E RADOSEVICH JD Res Assoc Natural Resource Econ

14R D REHNBERG PhD Prof Agr Econ

124D D ROHDY PhD Prof Regional Econ
5H G SITLER MS Fac Affil Agr Econ
12M D SKOLD PhD Assoc Prof Agr Econ

3DM SORENSEN PhD Ext Asst Prof Natural Resource Econ and Agr Econ

12M D VAUGHN PhD Asst Prof Econ Theory

12R G WALSH PhD Prof Natural Resource Econ

1F E WALTERS PhD Assoc Prof Agr Econ 8B E WHEDBEE BA Fac Affil Internatl Econ

1G C WILKEN PhD Assoc Prof Geog

3J H WINN MS Mktg Econ Agr Econ

12R A WYKSTRA PhD Assoc Prof Labor and Manpower Econ

1R A YOUNG PhD Assoc Prof Agr Econ

POLITICAL SCIENCE

1P O FOSS PhD Prof Natural Resources Admin and Chairman Polit Sci

1H P CAULFIELD MA Prof Natural Resources Admin and Polit Sci

12D W HILL PhD Prof Natural Resources and Polit Theory and Polit Sci

12R L MEEK PhD Assoc Prof Constl Law and Polit Sci 1J A STRAAYER PhD Asst Prof Local Govt and Polit Sci

Humanities and Social Sciences, College of -Continued

IN I WENGERT PhD Prof Natural Resources Admin and Polit Sci

SOCIOLOGY-ANTHROPOLOGY

1BL ELLENBOGEN PhD Prof Devlpmt Change and Chmn of Dept

1MANUEL ALERS-MONTALVO PhD Prof Sociol Devlpmt Change

1K J BERRY PhD Assoc Prof Demog of Social Methods 1 JOHN BROUILLETTE PhD Asst Prof Social Methodol
3Mrs COLEFN T BROWN BS Urban Ext Spec (Youth)

1R W COBERLY PhD Asst Prof Anthropol Social Organ

1D ECRIM BA Instr Anthropol Ethnog

1G C DILDINE PhD Prof Social Devlpmt Change

1A B DOTSON PhD Asst Prof City and Regional Planning

1RICHARD ENOS MS MSW Asst Prof Social Welfare

1C EFRANK PhD Asst Prof Social Theory

1D M FREEMAN PhD Asst Prof Planned Change

1T DHARBLIN PhD Asst Prof Social Social Organ

3D M HILLEMAN MS Ext Spec Commun
1L L HODGDON PhD Prof Sociol Devlpmt Change

1A BJONES MS MSW Asst Prof Social Welfare 1EDWARD KNOP PhD Asst Prof Social Organ

1Mrs GRACE K KUSHIHASHI MS MSW Asst Prof Social Welfare

1TIMOTHY LEHMAN PhD Asst Prof Social Social Organ

1Mrs ELIZABETH A MORRIS PhD Assoc Prof Archaeo 1ESTHER PRESSEL MA Asst Prof Anthropol Psychol Anthropol

1J J RAND MA MSW Asst Prof Social Welfare

1J S R H I N E M A Asst Prof Anthropol Phys Anthropol

1JOSEPH SARDO PhD Assoc Prof Social Social Organ

1S L SAXTON Jr PhD Asst Prof Social Psychol of Deviance

12EF SHARP PhD Prof Social Methodol

1R J THEODORATUS PhD Assoc Prof Anthropol World Ethnog

1RONNY TURNER PhD Asst Prof Social Theory

1T L VAN VALEY Phd Asst Prof Demog and Ecol

1E C VLACHOS PhD Assoc Prof Social Methodol

1T R YOUNG PhD Assoc Prof Social Theory

Natural Sciences, College of

1510

IW B COOK PhD Dean of Natural Sci and Prof of Chem (303-491-6862)

1.J P JORDAN PhD Assoc Dean for Res and Assoc Pro of Biochem (303-491-6862)

BIOCHEMISTRY

1P G SQUIRE PhD Prof and Chmn of Dept

1PARVIZ AZARI PhD Assoc Prof Biochem
12L W CHARKEY PhD Prof Biochem

1DAVID E FAHRNEY PhD Assoc Prof Biochem 1RUBEN J GARNER DVSc Joint Appointee Biochem 1M L HOPWOOD PhD Joint Appointee Biochem

12ADELINE K KANO BA Asst Prof Biochem 1SIVARSAMA KRISHNAN PhD Asst Prof Biochem

7J L MARTIN PhD Faculty Affil 1R P MARTIN PhD Prof Biochem

1HARRY SOBEL PhD Prof Biochem
1R P TENGERDY PhD Joint Appointee Biochem

1A T TU PhD Prof Blochem

BOTANY AND PLANT PATHOLOGY

1R T WARD PhD Prof Plant Ecol and Chmn of Dept 1R P ADAMS PhD Asst Prof Taxon

124JACK ALTMAN PhD Prof Plant Path 12R R BAKER PhD Prof Plant Path

5L N BASS PhD Fac Affil Plant Physiol

13B L BOHMONT PhD Ext Assoc Prof Agr Chem

13L E DICKENS PhD Ext Prof Plant Path

1R L DIX PhD Prof Plant Ecol

12J L FULTS PhD Prof Weed Sci

5J O GASKILL PhD Fac Affil Plant Path 1R G HACKER PhD Assoc Prof Plant Path

COLORADO 510-1540

tatural Sciences, College of-Continued 1P J HANCHEY PhD Assoc Prof Physiol 12M D HARRISON PhD Assoc Prof Plant Path **5**F G HAWKSWORTH PhD Fac Affil Plant Path 13P E HEIKES MS Ext Prof Weed Sci 13EUGENE HEIKES MS Ext Weed Spec 1J E HENDRIX PhD Asst Prof Plant Physiol IW M KLEIN PhD Assoc Prof Plant Taxon 1BRUNO KLINGER MS Prof Gen Bot 12W A KREUTZER PhD Prof Plant Path 2A L LARSEN PhD Assoc Bot Seed Technol 12C H LIVINGSTON PhD Assoc Prof Plant Path 2N S LUEPSCHEN PhD Assoc Prof Plant Path 12NAGAYOSHI OSHIMA PhD Asst Prof Plant Path 1R V PARKE PhD Assoc Prof Plant Anat 1F B REEVES PhD Asst Prof Mycol 1C W ROSS PhD Prof Plant Physiol 5E G RUPPEL PhD Fac Affil Plant Path 5E ESCHWEIZER PhD Faculty Affil Weed Invest 1S M STACK PhD Asst Prof Cytol 5J M STALEY PhD Fac Affil Plant Path 1R G WALTER MS Asst Prof Gen Bot 12R L ZIMDAHL PhD Asst Prof Weed Sci CHEMISTRY 12R A CSTERYCUNG PhD Prof Electrochem and Chmn of Dept 1CAMERON AINSWORTH PhD Assoc Prof Heterocyclics 1R E CARLSON PhD Crganic Reaction Mech IN A DAUGHERTY PhD Assoc Prof Inorganic Reaction **Kinetics** 1K E DE BRUIN PhD Asst Prof Stereochem 1E F EPSTEIN PhD Asst Prof X-Ray Crystallog 12D K JOHNSON MS Asst Prof Food Prod Res 12GESTUR JOHNSON MS Prof Impr of Food Prod 1W B KINGMS AssocProf Inorganic Chem Teaching Aids 1J J LEHMAN PhD Prof Metabol Reaction of Enzymes 12D D MAAG PhD Prof Selenium Toxicol 1L L MILLER PhD Assoc Prof Synthetic Organ Chem 1D M MOHILNER PhD Assoc Prof Electrochem 1T R MUSGRAVE PhD Asst Prof Metal Complexes IC M O'DONNELL PhD Asst Prof Spectros 1H S PULESTON PhD Prof Bact and Plant Chem 1J C ROBERTSON PhD Asst Prof Steric and Solvent Effect of Organ Reaction IR K SKCGERBOE PhD Asst Prof Spectros 1T N SOLIE PhD Asst Prof Phys Biochem 1G H SPLITTGERBER PhD Prof Nonaqueous Solvents 1F R STERMITZ PhD Prof Natural Prod 1J D VAUGHN PhD Assoc Prof Chem Reactivity 1C GWARREN PhD Assoc Prof Inorgan Synthesis 1K W WATKINS PhD Asst Prof Gas Phase Kinetics MATHEMATICS AND STATISTICS IM E ROSE PhD Prof and Head of Dept Applied Math 1E L ALLGOWER PhD Asst Prof Anal 1G M ANGLETON PhD Assoc Prof Biomet 12T J BOARDMAN PhD Asst Prof Statis 1D C BOES PhD Assoc Prof Statis 12D C BOWDEN PhD Asst Prof Statis 1AIDEN BRUEN PhD Asst Prof Computer Sci 1W E BRUMLEY PhD Asst Prof Anal 1M C BRYSON PhD Asst Prof Statis 1W C BUTLER MA Assoc Prof Teacher Educ 1F M CARPENTER MA Assoc Prof Algebra 1D J CLOW PhD Asst Prof Biomath 1E R DEAL PhD Assoc Prof Function Anal 1F R DeMEYER PhD Asst Prof Algebra 1R L DIDDAY PhD Asst Prof Computer Sci 1A B FARNELL PhD Prof Numer Anal

1R C FRANCIS PhD Asst Prof Statis and Fishery and Wildlife Biol 1H H FRISINGER EdD Assoc Prof Tchr Educ 1R B FROEHLICH PhD Asst Prof Statis and Econ IR E GAINES PhD Asst Prof Ordinary Differ Equat 1F A GRAYBILL PhD Prof Statis 1D W HARDY PhD Asst Prof Algebra 1Mrs LEOTA C HAYWARD MA Assoc Prof Math Educ 1J M HERNDON MSE Asst Prof Statis 1L L HUFF MS Instr Applied Anal

Natural Sciences, College of-Continued 1E S JOHNSON MS Instr Statis, Bus Math, Oper Res 1R B KELMAN PhD Prof Math and Biomath 1K F KLOPFENSTEIN PhD Asst Prof Function Anal 1BRUCE KNOBE MS Instr Computer Sci 1M L KOVACIC MS Asst Prof Math 1B W LEVINGER PhD Assoc Prof Algebra 1NADAV LIRON PhD Asst Prof Applied Math 1J S LOCKER PhD Asst Prof Function Anal 1J A MACEYAK MS Asst Prof Computer Sci 1ARNE MAGNUS PhD Prof Anal 1BENNER MANVEL PhD Asst Prof Graph Theory and Combinatorics 1P W MIELKE PhD Assoc Prof Statis 1R H NIEMANN PhD Prof Anal IWALTER ORVEDAHL BS Assoc Prof Computer Sci 1R P OSBORNE PhD Assoc Prof Topol IR L PAGE PhD Asst Prof Computer Sci 1R J PAINTER PhD Assoc Prof Algebra and Linear Algebra 1D B PERKINS MS Instr Math 1PATRICIA M PRENTER PhD Asst Prof Function Anal 1E EREMMENGA PhD Prof Biostatis 1M M SIDDIQUI PhD Prof Statis 1M E SPERLINE MS Asst Prof Differ Equat 1J N SRIVASTAVA PhD Prof Statis 1F M STEIN PhD Prof Ordinary Differ Equat 12T M SUTHERLAND PhD Prof Biostatis 1K J WHITCOMB MA Assoc Prof Anal and Number Theory

Veterinary Medicine and Biomedical Sciences, College of

1D W ZACHMANN PhD Asst Prof Applied Math

12J S WILLIAMS PhD Prof Statis

IN H BOOTH DVM PhD Dean and Chief of Anim Dis Sect (303-491-6116)

1540

1LAURI LUOTO DVM MPH Assoc Dean and Prof Micro (303-491-5119)

ANATOMY

1R D FRANDSON DVM MS Prof Actg Chmn 1Y Z ABDELBAKI BVS PhD Assoc Prof IR C BAY DVM Asst Prof 1DOROTHY C BILLENSTIEN PhD Assoc Prof 1R W DAVIS DVM MS Prof 1G P EPLING DVM MS Prof IW C GORTHY PhD Asst Prof 1R A KAINER DVM MS Assoc Prof 1HERMANN MEYER DVM PhD Prof 1G C SOLOMON DVM PhD Assoc Prof

CLINICS AND SURGERY

10 R ADAMS DVM MS Prof and Head of Dept 1W A AANES DVM MS Prof 1LESLIE BALL DVM MS Assoc Prof 1E J CARROLL DVM MS Assoc Prof 1PATRICIA A CHASE MD Assoc Prof 12L C FAULKNER DVM PhD Prof 1M R GEBAUER BS MS Res Assoc 1H A GORMAN DVM MS Prof IROGER GRAU BS Asst Prof IR B HEATH DVM Asst Prof 12T H HOWARD DVM Instr 1J T INGRAM DVM Asst Prof 1W V LUMB DVM PhD Prof and Dir Surg Lab 1BILLY MARTIN DVM Instr 1A W NELSON DVM PhD Assoc Prof 12B W PICKETT PhD Prof 14J E SCHNEIDER DVM Asst Prof 1K W SMITH DVM MS Prof 1HENRY SWAN MD DS Prof of Res 1J L VOSS DVM MS Assoc Prof

MICROBIOLOGY

1J EOGG PhD Prof and Chmn of Dept 1J R BAGBY Jr PhD Prof Microbiol IW L BOYD PhD Prof IGUS CHCLAS DVM MPH Assoc Prof Microbiol 12T L CHOW BVS PhD Assoc Prof Virol

COLORADO 1540-1565

Veterinary Medicine and Biomedical Sciences, College of-Continued

12J R COLLIER DVM PhD Prof Microbiol

12D W GRANT PhD Assoc Prof Microbiol 12A B HOERLEIN DVM PhD Prof Microbiol

1BARBARA K JOYCE PhD Asst Prof Microbiol

14L H LAUERMAN PhD Prof Microbiol

1D C LUEKER PhD Assoc Prof Immunol

1LAURI LUOTO DVM MPH Assoc Dean and Prof Microbiol

1J V MAYEUX PhD Asst Prof Microbiol

12V A MILLER DVM MS Prof Microbiol

IS M MORRISON PhD Prof Microbiol IELDON SAVAGE PhD Assoc Prof

12JOHANNES STORZ DVM PhD Prof Virol

1R P TENGERDY PhD Assoc Prof Microbiol and Biochem 1T H TORNABENE PhD Asst Prof Microbiol

IL P WILLIAMS Jr DVM DPH Assoc Prof

PATHOLOGY

12A F ALEXANDER DVM PhD Prof and Head of Dept

IJ L ADCOCK DVM PhD Assoc Prof IK P ALTERA DVM PhD Asst Prof

1MAXINE M BENJAMIN DVM MS Prof Clin Path

12HAROLD BREEN DVM Prof and Dir Diagnostic Lab

3W W BROWN DVM Ext Prof 1FU-HO CHOW PhD Assoc Chem

1C W DICKIE DVM Asst Path

12DWANE HAMAR PhD Assoc Prof Chem Path

12C P HIBLER PhD Prof Parasitol

IR S JAENKE DVM PhD Asst Prof

1R W NORRDIN DVM PhD Asst Prof

1R D PHEMISTER DVM PhD Assoc Prof

12ROBERT RUBIN DVM MS Prof Parasital

1D C TAKE DVM MS Asst Prof 12R H UDALL DVM PhD Prof Chem Path

1C E WHITEMAN DVM PhD Assoc Prof

12STUART YOUNG DVM PhD Prof

PHYSIOLOGY AND BIOPHYSICS

1W J TIETZ DVM PhD Prof and Chmn of Dept

1J H ABEL Jr PhD Asst Prof

IJ B BEST PhD Prof

IN H BOOTH DVM PhD Prof

1J K COOK PS MS Instr 1C J EAGAN PhD Assoc Prof

1JOHN FITCH Res Assoc

1A B GOODMAN PhD Asst Prof

1PETER HALL MD Assoc Prof 1R A HERIN DVM PhD Prof

12M L HOPWOOD PhD Prof

12 LE MASKEN PhD Asst Prof.

IMICHIO MORITA PhD Asst Prof

1E L PAUTLER PhD Asst Prof

12R W PHILLIPS DVM PhD Assoc Prof 1ANDREW PIGON PhD Assoc Prof

1D HWILL DVM MS Prof

RADIOLOGY AND RADIATION BIOLOGY

MAX R ZELLE PhD Prof and Chmn of Dept

IG M ANGLETON PhD Assoc Prof Biostatis-Radiat Bıol

IR D BREWSTER DVM Vet Radiol

IW C DEWEY PhD Prof Radiat Biol

IL FRALEY Jr BS MS Instr

1R J GARNER DVSc Prof Radiat Biol and Dir Collab Radiol Healtl Lab

1E L GILLETTE DVM PhD Assoc Prof

1J E JOHNSON PhD Asst Prof Radiat Biol

1JANET JCHNSON MS Junior Radiat Biol 1J L LEBEL DVM PhD Assoc Prof Radiol

1A C LEE DVM PhD Junior Radiat Biol

1J T LETT PhD Prof Radiat Biol

1K J SCHIAGER PhD Assoc Prof Radiat Biol

1D E THRALL DVM Instr 1R L WATTERS PhD Assoc Prof Radiat Biol and Chem

1F W WHICKER PhD Asst Prof Radiat Biol

VETERINARY MEDICINE

1L K WAYT DVM Prof and Chmn of Dept

IJ E CREED DVM MS Asst Prof

Veterinary Medicine and Biomedical

Sciences, College of-Continued

1D P HORTON DVM Instr

1C V KIMBERLING DVM MPH Asst Prof

IK A LARSON DVM PhD Asst Prof

1D H McKELVIE DVM PhD Assoc Prof

IJ A MULNIX DVM Asst Prof

1R E PIERSON DVM Prof

1LONNIE RICH DVM PhD Asst Prof

1G A SEVERIN DVM MS Assoc Prof

Brench Stations

1560

Arkansas Valley Br Sta (PO Rocky Ford 81067)

2J F SWINK MS Supt and Asst Hart (303-254-6312)

2C W DICKIE DVM Asst Vet Path

24F C SCHWEISSING MS Asst Ent

Central Great Plains Sta (PO Box K Akron 80720)

5ROME MICKLESON MS Actg Supt and Agr Engin (303-345-2259)

5B W GREB MS Soil Sci 2G O HINZE MS Asst Agron (Crops)

5R W SHAWCROFT PhD Soil Sci

Eastern Colorado Br Sta (Burdette Rte Akron 80720)

2A H DENHAM BS Supt and Assoc Anim Sci (303-345-6402)

Mountain Meadows Research Center (PO Box 598 Gunnison 81230)

25C B RUMBURG PhD Supt and Assoc Agron (303-641-2515)

2T H HÅLL MS Asst Anim Sci

2E G SIEMER PhD Assoc Agron

Northern Colorado Res-Dem Center (Rte 1 Box 31 Greeley 80631)

2E J LANGIN MS Supt and Ext Asst Agron (303-352-2557)

San Juan Basin Br Sta (PO Hesperus 81326)

2R W MARQUISS PhD Supt and Asst Prof Range Sci (303-385-4574)

2P TFAGERLIN MS Asst Anim Sci

2H D MOORE MS Asst Agron

San Luis Valley Br Sta (PO Center 81125)

2J G WALKER MS Supt and Asst Agron (303-754-3594)

2P N SOLTANPOUR PhD Asst Hort

2J A TWOMEY MS Asst Hort

Southeastern Colorado Br Sta (Kim Rte Springfield 81073)

2H O MANN MS Supt and Assoc Agron (303-523-4403) Western Slope Br Sta Austin Rogers Mesa Unit (PO Austin

81410)

23J K STACEY MS Assoc Hort In Chg (303-835-5187)

2E A ROGERS PhD Assoc Hort

Western Slope Br Sta Fruita Unit (PO 786 Grand Junction 81501)

2C W ROBINSON BS Asst Agron In Chg (Soils) (303-242-1150)

2H M GOLUS BS Junior Agron (Soils)

2S L SHAFER MS Asst Agron

Western Slope Br Sta Orchard Mesa Unit (3168B1/2 Rd Grand Junction 81501)

2C R URE PhD Supt and Hort (303-243-2813)
2A D BULLA BS Junior Ent

2N S LUEPSHEN PhD Assoc Plant Path

2J A QUIST PhD Assoc Ent

Extension Administration

1565

13L H WATTS MS Dir Ext and Univ Serv and Dir of Coop Ext Serv (303-491-6281)

13C J HOFFMAN PhD Dir Cont Educ and Community Serv

3B P BRADY MEd Asst to Dir 3R E BROOKS MEd Asst State 4-H Club Ldr

3D K CHADWICK MEd Dist Agt

13D O CLEGG PhD Ext Educ and Res 3J H DOYLE MEd Dist Agt

3M L ECKARD MEd Staff Trng Off 3M E FELTON PhD Asst Dir Prog Devlpmt

3J R GRACE BS Exec Asst

3C W HERZMAN MEd Asst Dir Agr Prog

3F B KAEHLER MS Asst State 4-H Club Ldr

3G T MICKLE BS Dist Aqt

COLORADO-CONNECTICUT

1568

1569

Extension Administration-Continued

37/ MOSELLINE DIMCOS MBA Asst Dir Human . vijet

3 TENTILICAN MERI Dist Act 3 L. ROFFELLES Fiscal Asst

3C G STANER MEId 4-H and Youth Prog Coord

30 COMMITTEE Cloth and 4-H Youth Consul

Information and Public Services, Office of

10NAHAN BA Dir (303-491-6432)

Maria and Maria and a life of the market of

23C J DALLAS Jr BS Radio-TV Spec

1H B HOFF BA Radio-TV Ed

23'M JACQUE PRUI TT MA Consum Sei Ed 1'M F ROMI EY Jr Ba Sei Ed 3'L F SEI FHEELE MIMED Ext Ed

23- BO TEPHENSON Jr BA Sta Ed

Printing and Publications Service

1231. C SIPLE BEA Dir (303-491-6622)

IF THOMY BS Puls Mar

1F GOVITH MS Fubs Ea-Sei and Engin 10 FOTE (NFB RA Pubs Ed-Ext and Sta

CONNECTICUT

College of Agriculture and Natural Resources, the Agricultural Experiment Station, and the Cooperative Extension Service of The University of Connecticut, Storrs, 06268 (Teleg address, Storrs via Willimantic; and RR sta exp address, Willimantic) (Main tel 203-429-3311)

5Coop UCDA

1College Staff 2Station Staff 3Extension Staff

9A-TR, M-S Program

1570

1H D BABBIDGE Jr FhD LLD LHD LittD Press of Univ

IJM EVANS MBA Vice Pres for Financial Affairs

1E V GANT MS Prov and Academic Vice Pres 123E J KERSTING DVM MS Dean of Col of Agr and Natural Resources Dir of Sta Dir of Coop Ext Serv (203-429-3311 Ext 238)

1.J P H BRAND PhD Assoc Dean of Col of Agr and Natural Resources and Dir of Ratcliffe Hicks Sch of Agr and Short Courses

29W C KENNARD PhD Assoc Dir of Sta

3H M HANSEN MS Assoc Dir of Coop Ext Serv

123J II AUSTIN Controller

Animal Diseases

1580

123W H [AP. L. F. C. F. VM. - Assect Prof. Clin. Mammal Med. and Acting Head of Dept

2MARY L ADAMS & Res Asst Immunol Chem 2A A BRENNAN Jr BS Res Asst Anim Husb

13E S BRYANT DVM Assoc Prof Avian Clin Med 2Mrs ARLINE L BURDICK Res Asst Vet Bact

12Mrs CARECLL N ETEKE PhD Assoc Prof Electron M.cros

2W E BURR MS Asst Prof Vet Serol

2E R CARMAN BS Res Asst Biochem

21 H CARMAN BS THES ASSET DISCREMENT OF THE PROPERTY OF THE PR

13M N FRAZIER DVM MPH Prof Avian Clin Med

121 N FHEDFICKSON DVM PhD Assoc Prof Expt Path

2Mrs EDITH H GASPER Res Asst Anim Husb

2 THE COPPLISHICK BS Res Asst Biochem 3J A HANS OUT VM Res Assoc Avian Clin Med 2D W HAYDEN DVM Res Asst Vet Path

123C F TELLMPCLLUT DVM PhD Diplomate ACVP Prof

Comput Path 2Mrs CALHIPINE HUANG BA Res Asst Compat Path

2R M JAKOWSKI DVM Res Asst Vet Virol

21/18 ELIZAPETH A JOHNSON AB Res Asst Vet Virol

Animal Diseases-Continued

2A J KENYON DVM PhD Prof Biochem

123E J KERSTING DVM MS Prof Clin Mammal Med

2Mrs LAMIA E KHAIRALLAH PhD Res Assoc Vet Virol

2SANG-NAM KIM PhD Assoc Prof Biochem

2H G LeDCUX BA Res Asst Immunol Chem 23D H LEIN DVM Res Asst Compar Path

12R E LUGINBUHL PhD Prof Vet Virol

12S W NIELSEN DVM PhD DIPLOMATE ACVP Prof Com-

par Path

Res Asst Immunol Chem

12% J. P. State Back Res Asst Microbiol

2R P PIROZOK MS Instr Histol Tech

2B E STONE BA Res Asst Vet Virol

2PATRICIA J TIMMINS Res Asst Libr

12M E TOURTELLOTTE PhD Prof Biochem and Bact

12H J VAN KRUININGEN DVM PhD Assoc Prof Vet Path

2L F WILLIAMS MS Assoc Prof Vet Bact

2R E WOLKE DVM PhD Res Assoc Compar Path

12D S WYAND DVM Assoc Prof Compar Path

2] S ZUPNIK MS Res Asst Microbiol

Animal Industries

123W A COWAN PhD Prof Anim Sci and Head of Dept

3W A AHO MS Prof Poultry Husb

12M A BARNES MS Res Asst Reprod Physiol

3R H BENSON PhD Prof Dairy Sci

13L H BROWN PhD Assoc Prof Dairy Sci 13R C CHURCH MS Assoc Prof Anim Sci (Horses)

12A R COBB BS Res Asst Anim Sci

12R H FARRINGTON BS Res Asst Dairy Mfg

18 W GAISER Jr BS Res Asst Anim Sci

12W S GAUNYA PhD Prof Dairy Sci 12L R GLAZIER MS Assoc Prof Dairy Mfg

12D A GRANT MS Res Assoc Anim Sci 123N S HALE PhD Prof Anim Sci

3H M HANSEN MS Prof Dairy Husb

12J M KAYS AM Assoc Prof Anim Sci

123D M KINSMAN PhD Prof Anim Sci (Meats) 12Mrs HELEN P MacLEOD PhD Assoc Prof Dairy Mfg

13L A MALKUS PhD Assoc Prof Anim Sci

12G R NORMAN MS Res Assoc Dairy Mfg

12A C SMITH PhD Prof Dairy Mfg 13D W TALMADGE MS Assoc Prof Poultry Husb

1B A WALTERS BS Res Asst Anim Sci

12C O WOODY Jr PhD Assoc Prof Reprod Physiol

12N R WRIGHT BS Res Asst Anim Sci

Economics (Agr)

1600

123S K SEAVER PhD Prof and Head of Dept

1J P H BRAND PhD Assoc Prof

23A W DEWEY MS Prof

13G A ECKER MS Assoc Prof Farm Mgt

123R OP FARRISH PhD Prof

12I F FELLOWS PhD Prof

123STEWART JOHNSON PhD

12M W KOTTKE PhD Prof

2R E LAMBERT BA Res Asst 12T C LEE PhD Asst Prof

123R L LEONARD PhD Asst Prof

2R W STAMMER MS Res Asst 123D G STITTS PhD Asst Prof

Editorial

1610

123A R MEADE MS Assoc Prof Coop Ext and Res and Head of Dept

123J D ALLIE BS Pubs Ed

123W D BECKENHOLDT MS News Ed

123A R GAVITT Jr MA Pubs Ed

123D L KIMBALL BA Pubs Ed

Engineering (Agr)

1620

123R P PRINCE MS Assoc Prof and Acting Head of Dept

23J W BARTOK Jr BS Res Asst
13J B GREINER MSAE Assoc Prof

123J J KOLEGA PhD Assoc Prof

13E L PALMER MA Assoc Prof

3R E PHILLIPS MS Assoc Prof 2N N PILLAI PhD Res Asst

30

1620-1660 CONNECTICUT

Engineering (Agr) - Continued

123W C WHEELER MSAE Prof 12J H WHITAKER MSA Assoc Prof

Extension Administration

1630

123E J KERSTING DVM MS Dir

3H M HANSEN MS Prof Dairy Husb and Assoc Dir

3R F ARONSON MS Assoc Prof Coop Ext and Asst Dir 4-H and Youth

3Mrs DORIS A LANE MA Assoc Prof Home Econ and Asst Dir Home Econ Ext

3NOREEN A RAY MEd Assoc Prof Coop Ext cond Assoc State 4-H Club Ldr

130 S TRASK MA Assoc Prof Coop Ext and 4-H Spec in Older Youth

3G E WHI THAM MS Assoc Prof Coop Ext and Asst Dir for Prog

Genetics (Anim)

1640

2L J PIERRO PhD Prof and head of Dept 2ROBERT FRASER PhD Res Asst 2P F GOETINCK PhD Assoc Prof IL A HANSBOROUGH PhD Prof (Assoc Prov) 2N W KLEIN PhD Assoc Prof

2Mrs JEAN S SPIGGLE MS Res Asst

Home Economics, School of

1650

1HELEN G CHAMBERS MA Prof Cloth Text and Relat Art and Dean of Sch

1T M BROOKS PhD Assoc Prof Fam Econ and Mgt and Head of Dept

1Mrs FORBOLA CLARK PhD Asst Prof Child Devlpmt and Fam Relat

3JANINA M CZAJKOWSKI EdD Prof Foods and Nutr 1ELNA E DANIELS MS Assoc Prof Inst Mgt and Foods 1Mrs PRISCILLA DOUGLAS MS Instr Foods and Nutr IAS DREYER PhD Assoc Prof Child Devlpmt and Fam Relat

IMARIAN FEENEY MA Instr Fam Econ and Mgt 3Mrs ELSIE B FETTERMAN PhD Assoc Prof Home Mat

IMARILEE GRANAT MS Instr Child Devlomt and Fam Rela*

3EVELYN V HARTLEY MEd Assoc Prof Home Furn 3ANNE C HOLLOWAY MA Asst Prof and Coord Spec Ext Prog

1Mrs ELEANOR B HOTTE MS Assoc Prof Cloth Text and Relat Art

1G H HOTTE SM ScD FTl Assoc Prof Text 1F G HUMPHREY EdD Assoc Prof Fam Relat

1Mrs HELEN T HSU MA Instr Cloth Text and Relat Art

1AUDREY L JARRELLE MS Instr Cloth Text and Relat

1Mrs LOUISE T JOHNSON MS Instr Cloth and Text 1C A JONES PhD Assoc Prof Child Devlpmt

3ESTELLE M KEANE MA Assoc Prof and Cloth Spec

1E D KELLER PhD Assoc Prof Child Devlpmt

1F H KELLEY BS Instr Cloth Text and Relat Art

3Mrs DORIS A LANE MA Assoc Prof and Asst Dir Home Econ Ext

1L H LANG II EdD Asst Prof Child Devlpmt and Fam Relat

1TATIANA LEVCOWICH MS Assoc Prof Foods and Nutr

1Mrs MARIA E LINZ MS Instr Foods and Nutr

Mrs ELEANORE BLUCKEY PhD Prof Child Devlpmt and Fam Relat and Head of Dept

12Mrs INGEBORG MacKELLAR PhD Prof Foods and Nutr and Head of Dept

1Mrs ESTHER McCABE PhD Assoc Prof Fam Econ and Mat

1W G McINTIRE PhD Asst Prof Child Devlpmt and Fam Relat

1WILLIAM McLEOD MS Instr Cloth Text and Relat Art 1Mrs DOROTHEAK MERCIER MA Lect Cloth Text and Relat Art

IVERNA MOULTON MEd MA Assoc Prof Cloth Text and Relat Art

IGD NASS PhD Assoc Prof Child Devlpmt and Fam Relat

Home Economics, School of-Continued

3P E NUTTALL MS Asst Prof and Human Relat Spec IBARBARA L OSBORN PhD Assoc Prof Home Econ Educ

1D C PAYNE EdD Assoc Prof Child Devlpmt and Fam Relat

1Mrs MARY LOU ROSENCRANZ PhD Prof Cloth Text and Relat Art and Head of Dept

1W F SCHUMACHER MS Instr Child Devlpmt and Fam Relat

1C F SCOTT MS Asst Prof Relat Art

1LE THOMAS PhD Asst Prof Child Devlpmt and Fam

1Mrs MARJORIE B TOURVILLE Asst Instr Child Devlpmt

1CAROLYN WILLIAMS MA Asst Prof Child Devlpmt 1G W WISE MA Instr Child Devlpmt and Fam Relat

Northeastern Research Center for Wildlife Diseases

12S W NIELSEN DVM PhD Diplomate ACVP Prof Compar Path and Acta Dir

123W H DANIELS DVM Assoc Prof Clin Mammal Med

123E J KERSTING DVM MS Prof Clin Mammal Med

12R D McDOWELL PhD Prof Wildlife Ecol

Nutritional Sciences

1655

12L D MATTERSON PhD Prof Poultry Nutr and Acting Head of Dept

2DORIS E CRANE BS Res Asst Nutr

12H D EATON PhD Prof Anim Nutr

2H I FRIER MS Res Asst Anim Nutr

2E J GORGACZ VMD Res Asst Anim Nutr

12K N HALL PhD Asst Prof Poultry Prods

2R C HALL Jr MS Res Asst Anim Nutr 12R G JENSEN PhD Prof Dairy Chem

2W J PUDELKIEWICZ PhD Assoc Prof Poultry Nutr

2J E POUSSEAU PhD Assoc Prof Anim Nutr

12E P SINGSEN PhD Prof Poultry Nutr

12R G SOMES PhD Assoc Prof Anim Genet

2J J TLUSTOHOWICZ BS Res Asst Poultry Nutr

Plant Science

1660

123A J R GUTTAY PhD Prof Soil Mgt and Head of Dept 12ROBERT ADZIMA BS Res Asst Flor
12D W ALLINSON PhD Asst Prof Forage Crop Physiol

3R A ASHLEY PhD Asst Prof Hort 1K A BRADLEY MS Assoc Prof Hort

13E D CARPENTER Jr PhD Assoc Prof Ornam Hort

3P M DEMPSEY BS Res Asst Agron

2W M DEST BS Res Asst Agron 23E J DUDA PhD Assoc Prof Ent

2F H EMMERT PhD Prof Plant Nutr

13R J FAVRETTI MS MLA Assoc Prof Landsc Arch

1M D FERRILL DF Assoc Prof For

12M J GRATZER MSc Asst Prof For

23G F GRIFFIN PhD Assoc Prof Soil Fert

1W L HARPER MS Assoc Prof Flor

23ARTHUR HAWKINS PhD Prof Potato Mgt

2B E JANES PhD Prof Plant Physiol

2W C KENNARD PhD Prof Plant Physiol

3D A KOLLAS PhD Asst Prof Pomol

23J S KOTHS PhD Assoc Prof Flor 12J M LENT MEd Prof Veg Crops

2E L MARROTTE BS Res Asst Flor

12R D McDOWELL PhD Prof Wildlife Ecol

12G A L MEHLQUIST PhD Prof Plant Brdg

12L A MITTERLING PhD Assoc Prof Pomol

12R A PETERS PhD Prof Crop Ecol

12E J RUBINS PhD Prof Soil Chem
3P L RUSDEN PhD Res Assoc Plant Path

13M G SAVOS PhD Assoc Prof Ent

2JOHN SCARCHUK MS Instr Agron 3R J SCHRAMM Jr PhD Assoc Prof Omom Hort

13D B SCHROEDER PhD Asst Prof Plant Path

2T M SHASHOK BS Res Asst Pomol 23W W WASHKO PhD Assoc Prof Agron

12SIDNEY WAXMAN PhD Assoc Prof Omom Hort

12R W WENGEL PhD Assoc Prof Soil Phys 12W R WHITWORTH PhD Assoc Prof Fisheries

2Mrs MARY F. WOLFE BS Res Asst Hort

CONNECTICUT-DELAWARE

Rural Sociology	1680	Entomology—Continued	
123W C McKAIN Jr PhD Prof and Head of Dept		2G W SCHUESSLER BS Asst Ent Dept State Ent	
12W H GROFF PhD Asst Prof		2NEELY TURNER MA Ent Emeritus	
12K P HADDEN MS Instr		2R M WESELOH PhD Asst Ent	
12H A ROSENCRANZ PhD Prof			
23B P SMITH MSSW Asst Prof		Genetics	1750
12E G STOCKWELL PhD Prof		2P R DAY PhD Head of Dept	
Miscellaneous	1690	2C D CLAYBERG PhD Assoc Genet 2W L GEORGE PhD Asst Genet	
	1070		
2R S BECKETT MD Dir Path Hartford Hospital 5J J BRUMBACH MS State Climatol		2ANDREW GOLDSWORTHY PhD Asst Genet 2R A JAYNES PhD Assoc Genet	
2L C DUNN ScD Prof Zool Genet Res Columbia	Univ	ZIT A JATTALD FILD ASSOC Genet	
5W C FERRALL DVM Vet in Charge (Conn) Anim		Plant Pathology and Botany	1760
Div USDA	Heardi	2A E DIMOND PhD Head of Dept	
123J N GILL BA Commissioner State Dept Agrand		2W L BIEHN PhD Asst Plant Path	
Natural Resources		2J G HORSFALL PhD Plant Path	
2MELVIN HORWITZ MD Surgeon Manchester Con	n	2R J LUKENS PhD Plant Path	
2J L LAMBERT BSA Res Asst Poultry Husb		2P M MILLER PhD Nematol	
5T P LITWIN Admins Agr Stabil and Conserv Serv	v	2SAUL RICH PhD Senior Plant Path	
12J J LUCAS PhD Prof Agr Biomet		2D C SANDS PhD Asst Plant Path	
1W H MARTIN EdD Prof Agr Educ		2HARLEY TOMLINSON PhD Asst Plant Path	
1J P McDONALD MSLS Libr		2 G S WALTON PhD Assoc Plant Path Diagnosis	
12W N SARGENT BS Univ Farm Supt		2MILTON ZUCKER PhD Plant Physiol	
2F F SCHAFFER MA Supt Spring Manor Farm			
5N P TEDROW BS Adminr Soil Conserv Serv		Sail and Water	1770
2ROBERT TENNANT MD Path Hartford Hospital		2C R I'RINK PhD Head of Dept	
		2D E HILL PhD Assoc Soil Sci	
		2W A NORVELL PhD Asst Soil Chem	
The Connecticut Agricultural Experiment Station	L,	2B L SAWHNEY PhD Assoc Soil Chem	
New Haven 06504 (Main tel 203-787-7421)		Substation	1780
2Station Staff 9A-TR, M-S Program		Valley Lab (PO Box 248 Windsor 06095) 203-688-3647	1700
Zoldfoll Staff 4A-111, M-0 1 togiam		2G S TAYLOR PhD Asst to Dir in Chq	
	1700	2J F AHRENS PhD Plant Physiol	
29J G HORSFALL PhD Dir and Treas (203-787-74		2H C DeROO PhD Agron	
23)	ZI BAC		
2W L SLATE BS Dir Emeritus			
2P E WAGGONER PhD Vice Dir		DELAWARE	
2B B MINER BS Libr and Ed			
		College of Agricultural Sciences, The Agricultural	
Analytical Chemistry	1710	Experiment Station, and The Agricultural Extension Ser	vice
Analytical Chemistry 2J GORDON HANNA BS Head of Dept	1710		
2J GORDON HANNA BS Head of Dept2R A BOTSFORD BS Assoc Chem	1710	Experiment Station, and The Agricultural Extension Ser	
2J GORDON HANNA BS Head of Dept	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000)	
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff	1
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000)	1
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff	l gram
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 198-TR, M-	1
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111)	l gram
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1 College Staff 2 Station Staff 3 Extension Staff 4 Leave of Absence 5 Coop USDI 9 A-TR, M-S Production Staff 4 TRABANT PhD Pres (302-738-2111) 123 J W SHIRLEY Phd Prov (302-738-2101)	l gram
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem	1710	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Prod 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instr	1 gram 1790
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave 9A-TR, M-S Production Staff	1 gram 1790
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry	1710 1720	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave 9A-TR, M-S Production Staf	1 1790
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Prod 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instr 10 P BERGELIN PhD Univ Coord of Pes and Asso Deam of Grad Col 12D F CROSSAN PhD Assoc Deam Col of Agr Sci and	1 1790
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave 9A-TR, M-S Produc	1 1790
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave 9A-TR, M-S Produc	1 1790 Dec
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production In Part 1982 A TRABANT PhD Pres (302-738-2111) 123L A TRABANT PhD Pres (302-738-2111) 123L A TRABANT PhD Pres (302-738-2111) 123L A TRABANT PhD Pres (302-738-2504) 129L E McDANIEL PhD Deam of Col Agr Sci and Dir	1 1790 Dec
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Interpretation Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Interpretation	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instriction Present Associated Deam of Grad Colling Coord of Present Associated	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus		Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Interpretation Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Interpretation	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem	1720	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production Staff 4Leave 1971 1.	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus	1720	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instruction 10 P BERGELIN PhD University Coord of Pes and Asson Deam of Grad Col 12D F CROSSAN PhD Assoc Deam Col of Agr Sci and Assoc Dir of Sta (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agr Sci and Dir Sta (302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAg Vice Pres for Univ Related Agricultural Engineering	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2EVELYN A HAVIR PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus	1720	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instruction 10 P BERGELIN PhD University Coord of Pessand Assoperated of Grad Column 12D F CROSSAN PhD Assoc Deam Column 12D F CROSSAN PhD Assoc Deam Column 12D F CROSSAN PhD Dir of Ext (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Column 12D Fix (302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAG Vice Pres for University Related 123E N SCARBOROUGH MS Chmm and Prof	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochety 2C I BLISS PhD Biomet	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instruction 10 P BERGELIN PhD University Coord of Pes and Asson Deam of Grad Column of Grad Column of Sta (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Column Asst 2302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAG Vice Pres for University Relations 123E N SCARBOROUGH MS Chmn and Prof 123E N SCARBOROUGH MS Chmn and Prof 12N E COLLINS MS Asst Prof Agr Engin	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochemy 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD Asst Phys	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instruction 10 P BERGELIN PhD University Coord of Pessand Assoperated of Grad Column 12D F CROSSAN PhD Assoc Deam Column 12D F CROSSAN PhD Assoc Deam Column 12D F CROSSAN PhD Deam of Column 12D F CROSSAN PhD Dea	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochty 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD Asst Phys 2G H HEICHEL PhD Asst Plant Physiol	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2101) 1R P BARWICK EdD Asst Deam for Instruction 10 P BERGELIN PhD University Coord of Pessand Associated Deam of Grad Column 12D F CROSSAN PhD Associated Deam Column 12D F CROSSAN PhD Direction 12D F CROSSAN PhD Deam of Column 12D F CROSSAN PhD De	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochem 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD Asst Plant Physiol 2Y PARLANGE PhD Assoc Phys	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instriction Personal Associated Deam of Grad Col. 12D F CROSSAN PhD Associated Col. Associated Assoc	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochty 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD Asst Plant Physiol 2Y PARLANGE PhD Assoc Phys 2G R STEPHENS PhD Assoc For	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instriction Personal Associated Deam of Grad Col. 12D F CROSSAN PhD Associated Col of Agricultural Extension 123E M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agricultural Engineering 123E N SCARBOROUGH MS Chmn and Profice 123E N SCARBOROUGH MS Chmn and Profice 123E N SCARBOROUGH MS Chmn and Profice 123E COLLINS MS Asst Prof Agricultural Engineering 123E N ENGLAND BS Instr Agricultural Engin 120 R HARMAN MS Asst Prof Agricultural Engin 123E W WALPOLE MS Asst Prof Agricultural Engin	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA Asst Chem 2WILLIAM GLOWA MA Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem 2A F WICKROSKI MA Assoc Chem 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD Asst Biochem 2R P POINCELOT Jr PhD Asst Biochem 2H B VICKERY PhD Biochem Emeritus Biochem 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD Asst Plant Physiol 2Y PARLANGE PhD Assoc Phys	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instriction Personal Associated Deam of Grad Col. 12D F CROSSAN PhD Associated Col. Associated Assoc	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2WILLIAM GLOWA MA ASST CHEM 2L G KEIRSTEAD BS ASSOC CHEM 2HELEN L KOCABA BS ASST CHEM 2S R SQUIRES BS ASSOC CHEM 2R E WEST BA ASST CHEM 2A F WICKROSKI MA ASSOC CHEM 2BIOCHEMISTRY 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochtry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971. (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Production 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instriction Personal Associated Deam of Grad Col. 12D F CROSSAN PhD Associated Col. Associated Assoc	1790 1790 1790 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASSOC Chem 2R E WEST BA ASST Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochty 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entemology	1720 1730	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced In 123 M-S SHIRLEY Phd Prov (302-738-2111) 123 M SHIRLEY Phd Prov (302-738-2101) 120 F CROSSAN Phd Assoc Deam Col of Agr Sci and Assoc Dir of Sta (302-738-2502) 35 M GWINN Phd Dir of Ext (302-738-2504) 129 W E McDANIEL Phd Deam of Col Agr Sci and Dir Sta (302-738-2501) 128 M EADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAG Vice Pres for Univ Relat Agricultural Engineering 123E N SCARBOROUGH MS Chmn and Prof 12N E COLLINS MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 123E W WALLPOLE MS Asst Prof Agr Engin 13T H WILLIAMS MS Instr	gram 1790 Decend
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASST Chem 2S R SQUIRES BS ASSOC Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochtry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entomology 2J F ANDERSON PhD Head of Dept State Ent	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123E N ERGELIN PhD Univ Coord of Pes and Assoc Deam of Instrict 10 P BERGELIN PhD Univ Coord of Pes and Assoc Deam of Grad Col 12D F CROSSAN PhD Assoc Deam Col of Agr Sci and Assoc Dir of Sta (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agr Sci and Dir Sta (302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAG Vice Pres for Univ Relat Agricultural Engineering 123E N SCARBOROUGH MS Chmn and Prof 12N E COLLINS MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 121E W WALLPOLE MS Asst Prof Agr Engin 121E W WALLPOLE MS Asst Prof Agr Engin 13T H WILLIAMS MS Instr	1790 1790 1790 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASSOC Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2A F WICKROSKI MA ASSOC Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochemy 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entemology 2J F ANDERSON PhD Head of Dept State Ent 2R L BEARD PhD Ent	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced In 123 W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instr 10 P BERGELIN PhD Universion Cool of Agricultural Engine For Sta (302-738-2501) 12D F CROSSAN PhD Assoc Deam Col of Agricultural Engine For Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agricultural Engine For Universion Instr 123 M WORRILOW DAG Vice Pres for Universion Page 123 E N SCARBOROUGH MS Chimn and Prof 12N E COLLINS MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 121 W WALPOLE MS Asst Prof Agr Engin 121 H WILLIAMS MS Instr 123 E W WALPOLE MS Asst Prof Agr Engin 13 T H WILLIAMS MS Instr 124 BENTON PhD Chimn and Prof Avian Path 2Mrs BARBARA BASON BA Res Asst	1790 1790 1790 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASSOC Chem 2R E WEST BA ASST Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2EVELYN A HAVIR PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochetry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entomology 2J F ANDERSON PhD Head of Dept State Ent 2R L BEARD PhD Ent 2C C DOANE PhD ASSOC Ent	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Extension Staff 123E A TRABANT PhD Pres (302-738-2111) 123E A TRABANT PhD Pres (302-738-2111) 123E N ERGELIN PhD Univ Coord of Pes and Assoc Deam of Instrict 10 P BERGELIN PhD Univ Coord of Pes and Assoc Deam of Grad Col 12D F CROSSAN PhD Assoc Deam Col of Agr Sci and Assoc Dir of Sta (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agr Sci and Dir Sta (302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAG Vice Pres for Univ Relat Agricultural Engineering 123E N SCARBOROUGH MS Chmn and Prof 12N E COLLINS MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 120 R HARMAN MS Asst Prof Agr Engin 121E W WALLPOLE MS Asst Prof Agr Engin 121E W WALLPOLE MS Asst Prof Agr Engin 13T H WILLIAMS MS Instr	1 1790 inc. 1790 inc. 1790 inc. 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASST Chem 2S R SQUIRES BS ASSOC Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Bienetry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entomology 2J F ANDERSON PhD Head of Dept State Ent 2R L BEARD PhD Ent 2C C DOANE PhD ASSOC Ent 2PHILIP GARMAN PhD Ent Emeritus	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Agricultural Biochemistry 123J W SHIRLEY Phd Prov (302-738-2111) 123J W SHIRLEY Phd Prov (302-738-2101) 1R P BARWICK EdD Asst Deam for Instr 10 P BERGELIN PhD Univ Coord of Pes and Asso Deam of Grad Col 12D F CROSSAN PhD Assoc Deam Col of Agr Sci at Assoc Dir of Sta (302-738-2502) 3S M GWINN PhD Dir of Ext (302-738-2504) 129W E McDANIEL PhD Deam of Col Agr Sci and Director Sta (302-738-2501) 1R MEADE Jr MA Vice Pres for Bus and Finance 123Mrs KATHERINE S PIERSON Admin Asst 123G M WORRILOW DAg Vice Pres for Univ Related Agricultural Engineering 123E N SCARBOROUGH MS Chmn and Prof 12N E COLLINS MS Asst Prof Agr Engin 12O R HARMAN MS Asst Prof Agr Engin 121E W WALPOLE MS Asst Prof Agr Engin 13T H WILLIAMS MS Instr Agricultural Biochemistry 12W J BENTON PhD Chmn and Prof Avian Path 2Mrs BARBARA BASON BA Res Asst 2T J DOUGHERTY MS Res Assoc Biochem.	1790 1790 oc nd 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2L G KEIRSTEAD BS ASSOC Chem 2HELEN L KOCABA BS ASSOC Chem 2R E WEST BA ASST Chem 2R E WEST BA ASST Chem 2A F WICKROSKI MA ASSOC Chem 2Biochemistry 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2EVELYN A HAVIR PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Biochetry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entomology 2J F ANDERSON PhD Head of Dept State Ent 2R L BEARD PhD Ent 2C C DOANE PhD ASSOC Ent	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Absence 5Coop UsDI 9A-TR, M-S Passage 110 Produced Absence 5Coop UsDI 9A-TR, M-S Passage 110 Produced Absence 5Coop UsDI 9A-TR, M-S Produced Absence 5Coop UsDI 9A-TR, M-S Produced Absence 6To Absence	1790 1790 oc nd 1800
2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2WILLIAM GLOWA MA ASST Chem 2WILLIAM GLOWA MA ASST CHEM 2L G KEIRSTEAD BS ASSOC CHEM 2HELEN L KOCABA BS ASST CHEM 2S R SQUIRES BS ASSOC CHEM 2R E WEST BA ASST CHEM 2A F WICKROSKI MA ASSOC CHEM 2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K RHANSON PhD Biochem 2K RHANSON PhD Biochem 2R P POINCELOT Jr PhD ASST Biochem 2H B VICKERY PhD Biochem Emeritus Bienetry 2C I BLISS PhD Biomet Ecology and Climatology 2P E WAGGONER PhD Head od Dept 2D E AYLOR PhD ASST Plant Physiol 2Y PARLANGE PhD ASST Plant Physiol 2Y PARLANGE PhD ASSOC Phys 2G R STEPHENS PhD ASSOC For 2N C TURNER PhD ASST Plant Physiol Entemology 2J F ANDERSON PhD Head of Dept State Ent 2R L BEARD PhD Ent 2C C DOANE PhD ASSOC Ent 2PHILIP GARMAN PhD Ent Emeritus 2S W HITCHCOCK PhD ASSOC Ent	1720 1730 1735	Experiment Station, and The Agricultural Extension Ser of the University of Delaware, Newark, Delaware 1971 (Main tel 302-738-2000) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDI 9A-TR, M-S Produced Aleave of Absence 5Coop USDI 9A-TR, M-S Produced Intelligence 10 Produced Intelligence 10 Produced Intelligence 10 Produced Intelligence 10 Produced Intelligence 11 Produced Intelligence 12 Produced Intelligence 13 Produced Intelligence 13 Produced Intelligence 13 Produced Intelligence I	1790 1790 oc nd 1800

DELAWARE 1810-1960

Animal Science and Agricultural Biochemistry—Continued 12W C KRAUSS MS DVM Assoc Prof Poultry Path	Home Economics—Continued
3R W LLOYD MS Assoc Ext Poultry Spec	1ANN E SLOAN MS Asst Prof Equip Housing and Home Furn
12T C MADDUX DVM Res Assoc Poultry Path	1Mrs FRANCES SMITH MS Instr Text and Cloth
2Mrs MARGARET McCULLY BS Res Asst Nutr	1MARY J STRATTNER PhD Assoc Prof Child Devlpmt
12ARLETTE I RASMUSSEN PhD Assoc Prof Nutr Biochem	1Mrs JOANN H STRICKLAND EdD Assoc Prof Child Devlpmt
123C M REITNOUR PhD Asst Prof Equine Spec	1Mrs DOROTHY V TAYLOR BS Instr Text and Cloth
12T D RUNNELS MS Assoc Prof Poultry Nutr 12R L SALSBURY PhD Assoc Prof Dairy Nutr	1Mrs CAROLYN A THOROUGHGOOD PhD Asst Prof Food and Nutr
124P H SAMMELWITZ PhD Assoc Prof Physiol 12J R TREECE PhD Asst Prof Biocher. Genet	1Mrs SARAH S VAN CAMP EdD Asst Prof Child Devlomt
12C W WOODMANSEE MS Assoc Prof Biochem 2J P ZIKAKIS PhD Asst Prof Biochem	1J WILLIAM WEAVER PhD Prof Text and Fiber Sci
	Longwood Program (Graduate) 1885
Economics (Agr & Food) 1830	1R W LIGHTY PhD Asst Prof Coord
12R C SMITH PhD Prof and Chmn	1R J ARMSTRONG PhD Adj Asst Prof
2D F BIEKER PhD Asst Prof Agr Econ	1D G HUTTLESTON PhD Adj Assoc Prof
123G L COLE PhD Assoc Prof Resource Devlpmt 12J G ELTERICH PhD Asst Prof Prod Econ Farm Mgt 3B G GINDER MS Crops Mkta Spec	1R J SEIBERT PhD Dir Adj Prof
3MG GANDER MS Crops mixturaped 3MGs ANNE W HOLBERTON MS Spec in Consum Educ	Plant Science 1890
and Mktg	123M R TEEL PhD Chmn and Prof
3W TMcALLISTER MS Farm. Mgt and Mktg Spec	12E P BRASHER MS Prof
12D K SMITH PhD Asst Prof Agr Econ	12L J COTNOIR Jr MS Assoc Prof
12U C TOENSMEYER PhD Asst Prof Agr Econ 3G F VAUGHN MS Com and Resource Devlpmt Spec	12H W CRITTENDEN PhD Assoc Prof Soybean Dis Brda
out Thousant indicates a stream apart	12D F CROSSAN PhD Prof Veg Dis Fungi
Editorial 1835	12C W DUNHAM PhD Assoc Prof Flor and Omam
13! L WEBB MS Asst Prof and Agr Ed	12D J FIELDHOUSE PhD Assoc Prof Veg Crops
23Mrs LORRAINE KINGDON BS Asst Agr Ed	12V J FISHER PhD Assoc Prof Pomol
23R W WILLS BS Asst Agr Ed	123J % HEUBERGER PhD Prof Fruit Dis Fungi
Education 1840	12W C LIEBHARDT PhD Asst Prof Crops Spec
Education 1840 1R P BARWICK EdD Assoc Prof	12R W LIGHTY PhD Asst Prof Ornam Hort
IN P BANTICK Edd Association	1G C MARSTON BS Instr 123W H MITCHELL PhD Assoc Prof Crop Mgt
Entomology and Applied Ecology 1850	124E M RAHN MS Prof Veg Crops
123D F BRAY PhD Prof and Chmn	12J M SASSER PhD Asst Prof Patho!
23F E BCYS MS Res Asst and Ext Ent	3R F STEVENS MS Hort Spec
12P P BURBUTIS PhD Assoc Prof	12L V SVEC PhD Asst Prof
124E P CATTS PhD Assoc Prot	2LINDA TETI BS Res Asst
12W A CONNELL PhD Assoc Prof 12R E JONES PhD Asst Prof	2A H WARNER BS Res Asst
12H E. JONES PRO Assist Prof 12H F. Krillshy PhD Assoc Prof	Miscellaneous 1920
2R W LAKE MS Res Assoc	1Mrs KATHERINE WOOD MA Libr
5J T LINEHAN USDI B10!	IMIS KATTEITINE WOOD MA LIDI
3J S McDANIEL BS Agr Chem Spec and Res Asst	
2F J MURPHEY PhD Asst Prof	Substa (Georgetown Del) 1930
Extension Administration 1860	23J F GORDY BS Dir
Extension Administration 1860 3S M GWINN PhD Dir	2G W CHALOUPKA BS Res Assoc
3J O BAKER BS 4-H Club Ldr	2J C WINDSOP BS Farm Mgr 2R M MONTGOMERY DVM Poultry Path
3JANET DREED MS State Ldr Cloth and Text Spec	2E L WISK MS Res Assoc
Home Economics 1880	Departments of Agriculture and Natural Resources, Home
NIRMA AYERS EdD Prof Home Econ and Dean of Col	Economics, and Chemistry, and the Faculty Research
1EVA & ADAMS EdD Assoc Prof Home Econ Educ 1Mrs VIRGINIA D AHRENS MS Asst Prof Text and	Committee of the Delaware State College, Dover, Delaware 19901 (Main tel 302-734-8271)
Cloth 1Mrs JACQUELINE BARNEY MS Instr Home Econ Educ	C 11 C 16
1JUDITH A EEYRING MS Instr Home Mgt	1College Staff
1Mrs CA THERINE V BIEBER MS Assoc Prof Home Educ	1940
and Asst Dean	1LIMISHOE PhD Pres
1JOLLLY EWING MS Asst Prof Text and Cloth	1U S WASHINGTON Jr MEd Chmn Dept of Agr and
1Mrs ALICE P EYMAN MA Instr Child Devlpmt	Natural Resources and Asst Prof (302-737-8271
Mrs CONSTANCE E HOLT MS Asst Prof Food and Nutr	Ext 266)
1JOYCE HRVOL MS Instr Home Mgt	
1Mrs DEME KLINZING PhD Asst Prof Child Devlpmt 3MARGUERITE E KRACKHARDT MS Nutr Spec	Ancientary and Natural Description
ACHARLOTTE J McCARTY MS Asst Prof Child Devlpmt	Agriculture and Natural Resources 1950 1K W BELL MS Instr Acr
IGAIL, J. McCONACHY MS Instr Food and Nutr	1ANTHONY BODOLA PhD Prof Natural Resources and
1EVA J McCREARY MS Asst Prof Food and Nutr	Biol Biol
3CORAL K MORRIS MS Home Mgt Spec	1N H DILL PhD Prof Natural Resources and Biol
IMrs SALLY P O'CONNOR MS Instr Text and Cloth	1J T HOWELL MS Asst Prof Agr
12ARLETTE I RASMUSSEN PhD Assoc Prof Nutr and	1E R JONES PhD Asst Prof Agr
Agr Brochem 3JANET D REED MS - State Ldr Cloth and Text Spec	
1CAMILLE B SCHIFFMAN MS - Asst Prof Child Devlpmt	Chemistry (Regulatory) 1960
Mrs BARBAHA H SETTLES PhD Assoc Prof Child	1HARRIET H WILLIAMS DSc Head of Dept
Levipmt and Fam Life	1G R SEIDEL PhD Prof Chem

DELAWARE-FLORIDA

Home Economics

1970

1Mrs COURTNEY STEVENSON MS Asst Prof and Chmn of Dept

1Mrs OHA D BUNCH MS Asst Prof Home Econ 1ANNIE W EATON MS Asst Prof Home Econ

Research

1985

1L M LARSON PhD Assoc Prof Chem and Chmn Faculty Res Comm (302-734-8271 Ext 217)

FLORIDA

Institute of Food and Agricultural Sciences: College of Agriculture, Agricultural Experiment Stations, and Agricultural Extension Service of the University of Florida, Gainesville 32601 (Main tel 904-392-3261)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency **7**Coop Other State Agency **8**Coop Others 9A-TR, M-S Program

1990

 1S C O'CONNELL
 Pres of Univ (904-392-1311)

 123E T YORK Jr PhD
 Prov for Agr (904-392-1971)

 123A F CRIBBETT MS
 Dir Spec Prog

1C B BROWNING PhD Dean for Resident Instr (904-392-1961)

1GD THORNTON PhD Asst Dean for Resident Instr

100 SPINKS PhD Asst Dean for Resident Instr 29.J W SITES PhD Dean for Res (904-392-1784)

2H H WILKOWSKE PhD Asst Dean for Res

2A T WALLACE PhD Asst Dean for Res

2G R FREEMAN MSA Asst Dir of Agr Expt Sta

3J N BUSBY PhD Dean for Ext (904-392-1761)

3J T McCOWN EdD Assoc Dean for Ext 3F E MYERS MAGE Asst Dean for Ext

3J H NININGER Jr BSBA Admin Asst Agr Ext Serv

123D R BRYANT Jr AB Admin Asst

Agricultural Economics

123K R TEFERTILLER PhD Prof (Agr. Econ) and Chmn of Dept (904-392-1826)

2D E ALLEGER MS Assoc Prof (Assoc Agr Econ) 23C L ANDERSON BS Asst Prof (Area Agr Econ)

12W K BOUTWELL Jr PhD Assoc Prof (Assoc Agr Econ)

25H D BRODNAX MS Asst in Agr Econ 2D L BROOKE PhD Prof (Agr Econ)

25J R BROOKER MSA Asst in Agr Econ

2T L BROOKS Jr BS Statis Fla Dept of Citrus

3E W CAKE PhD Prof (Farm Mgt Spec)

25J C CATO MS Asst in Agr Econ.

12H B CLARK PhD Prof (Agr Econ)

2J R CONNER PhD Asst Prof (Asst Agr Econ)

3C D COVEY PhD Assoc Prof (Mktg-Ext Coord)

2J K DOW PhD Asst Prof (Asst Agr Econ)

3R A EASTWOOD PhD Prof (Mktg Spec)
12B R EDDLEMAN PhD Asst Prof (Asst Agr Econ)

2W F EDWARDS PhD Asst Prof (Asst Agr Econ)

3V L ELKINS MS Prof (Area Prog Spec)

2CARL FARLER MS Asst in Agr Econ

2K C GIBBS PhD Asst Prof (Asst Agr Econ)

3K M GILBRAITH MSA Assoc Prof (Mktg Spec)
12R E L GREENE PhD Prof (Agr Econ)
1J R GREENMAN JD Prof (Agr Econ)

23T S HIPP MAg Asst Prof (Area Agr Econ)

3JOHN HOLT PhD Asst Prof (Farm Mgt Spec)
3M E KONYHA PhD Asst Prof (Rural Devlpmt Econ)

12M R LANGHAM PhD Prof (Agr Econ)

2W B LESTER PhD Assoc Prof (Assoc Agr Econ) Fla Dept of Citrus

2Mrs EDNA T LOEHMAN PhD Asst Prof (Asst Agr Econ)

3D E LONG MS Asst Prof (Area Devlpmt Spec)

3J C McCALL MS Asst Prof (Area Devlpmt Spec)

12W K McPHERSON MS Prof (Agr Econ)

1W W McPHERSON PhD Grad Res Prof

3W K MATHIS Jr PhD Asst Prof (Mktg Spec)

Agricultural Economics-Continued

23W T MENASCO MAg Asst Prof (Area Agr Econ)

3C C MOXLEY PhD Prof (Rural Devlpmt and Policy)

2J E MULLIN BS Prof (State Statis)

12C E MURPHREE DPA Assoc Prof (Assoc Agr Econ)

2L H MYERS PhD Asst Prof (Asst Agr Econ) Fla Dept of Citrus

25J L PEARSON MS Asst Prof (Asst Agr Econ)

12LEONIDAS POLOPOLUS PhD Prof (Agr Econ)
12A A PRATO PhD Asst Prof (Asst Agr Econ)

2F J PROCHASKA PhD Asst Prof (Asst Agr Econ)

12J E REYNOLDS PhD Asst Prof (Asst Agr Econ)

2GN ROSE BS Assoc Prof (Assoc Agr Econ)

3S E ROSENBERGER PhD Prof (Mktg Spec) 12C N SMITH PhD Prof (Agr Econ)

3WH SMITH MS Assoc Prof (Assoc Agr Econ)

2A H SPURLOCK MSA Prof (Agr Econ)

12F H TYNER Jr PhD Assoc Prof (Assoc Agr Econ)

2R W WARD PhD Asst Prof (Asst Agr Econ) Fla Dept of Citrus

Agricultural Engineering

2010

123E T SMERDON PhD Prof Agr Engin and Chmn of Dept (904-392-1864)

2L O BAGNALL PhD Asst Prof and Asst Aar Engin Agr Mach

2C D BAIRD MSAE Res Instr Water Mgt and Agr Proc

3L B BALDWIN MSA Asst Prof Air Pollution

25E K BOWMAN BS Assoc Indus Engin Citrus and Veg Handling

12R E CHOATE MSA Prof and Agr Engin Water Mgt

3R P CROMWELL ME Asst Agr Engin Agr Mach

3L M CURTIS MS Asst Prof Pesticides 12R C FLUCK PhD Assoc Prof and Assoc Agr Engin Agr Structures and Syst

25J J GAFFNEY MSAE Asst in Agr Engin Citrus and Veg Handling

3D S HARRISON MSA Agr Engin Water Mgt

25F E HENRY BIE Asst Indus Engin Citrus and Veg Handling

2D T KINARD PhD Prof and Agr Engin Elec Power and Proc

12J M MYERS MSA Prof and Agr Engin Water Mgt

12R A NORDSTEDT Asst Prof and Asst Agr Engin Waste Mgt

2A R OVERMAN Asst Prof and Asst Agr Engin Water Mgt

3A M FETTIS MSA Assoc Agr Engin Farm Elec Safety

1C J ROCERS MAgr Asst Prof Agr Engin Agr Mech 25S J ROGERS PhD Agr Engin Soil and Water Mgt

12L N SHAW PhD Asst Prof and Asst Agr Engin Farm Mach

3T C SKINNER MAgr. Agr Engin Agr Structures

Agronomy

2020

123D E McCLOUD PhD Prof and Chmn of Dept (904-392-1811)

2F T BOYD PhD Prof Forage Crop Mgt

2FRED CLARK MSA Prof Flue Cured Tobacco
3W L CURREY PhD Asst Prof Weed Sci

12J R EDWARDSON PhD Prof Cytogenet

3C E FREEMAN MS Asst Prof Sugarcane 2L A GARRARD PhD Res Assoc Plant Physiol

2W W HANNA PhD Asst Prof Forage Crop Genetics

25KUELL HINSON PhD Assoc Prof Soybeans Genet

12E S HCRNER PhD Prof Corn Clover Genet

3J T JOHNSON PhD Asst Prof Crop Mat

3D W JONES MSA Assoc Prof Forage Crop Mgt 2G B KILLINGER PnD Prof New Crops

25E B KNIPLING PhD Asst Prof Plant Physicl
2A E C McINTYRE BS Asst Prof and Mar Seed Fdn

12GO MOTT PhD Prof Forage Crop Mgt

12A J NORDEN PhD Assoc Prof Peanuts Genet

2C B OWEN PhD Prof Agron Fla A&M Univ Tallahassee 2P L PFAHLER PhD Assoc Prof Small Grains Com Genet

2G M PRINE PhD Assec Prof Field Crop Ecol

12E G RODGERS PhD Prof Weed Sci 12O C RUELKE PhD Prof Forage Crop Ecol

2020-2090 FLORIDA

Agronomy - Continued

12S C SCHANK PhD Assoc Prof Forage Crop Genet 12V N SCHRODER PhD Assoc Pref Crop Nutr

2R L SMITH Asst Prof Forage Crop Genet

25H E WARMKE PhD Prof Cytogenet

25S H WEST PhD Prof Physiol Forage Crops 3E B WHITTY PhD Asst Prof Field Crop Mgt 12MERRILL WILCOX PhD Assoc Prof Weed Sci

2030 **Animal Science**

123T J CUNHA PhD Prof Anim Nutr and Chmn of Dept 12C B AMMERMAN PhD Assoc Prof and Assoc Anim Nutr

12L R ARRINGTON PhD Prof and Anim Nutr

12F W BAZER PhD Asst Prof and Asst Anim Physiol

4J W CARPENTER PhD Assoc Prof and Assoc Meat

12W C CHRISTIANSEN PhD Assoc Prof and Assoc Anim Nutr

12G E COMBS PhD Prof and Anim Nutr 2G K DAVIS PhD Anim Nutr Dir Biol Sa

3K L DURRANCE MAGE Assoc Anim Husb

2J F EASLEY MS Asst Anim Nutr

12J P FEASTER PhD Prof and Brockern.
12D E FRANKE PhD Asst Prof and Asst Anim Genet

12J C GLENN Ass∞ Prof and Assoc Anin. Physiol

12J F HENTGES Jr PhD Prof and Anim Nutr

3B G JACKSON PhD Asst Anim Husb

12D E KOCH PhD Interim Asst Prof and Asst Meat Sci

12MARVIN KOGER PhD Prof and Anim Genet

12P E LOGGINS MS Assoc Prof and Assoc Anim Husb

12J E MOORE PhD Assoc Prof and Assoc Anim Nutr

12E A OTT PhD Assoc Prof and Assoc Anim Nutr 3J E PACE MSA Anim Husb

12A Z PALMER PhD Prof and Meat Sci 3R L REDDISH PhD Assoc Meat Sci

12R L SHIRLEY PhD Prof and Anim Nutr

12D L WAKEMAN MSA Assoc Prof and Assoc Anim Husb
12H D WALLACE PhD Prof and Anim Nutr

12A C WARNICK PhD Prof and Anim Physiol

2040 Becteriology

1M E TYLER PhD Prof of Bact and Chmn Dept Marine Bact (904-392-1906)

1A S BLEIWEIS PhD Asst Prof Bact Bact Physiol 6D E DUGGAN PhD Assoc Prof Bact Microbial Proc

1E M HOFFMANN PhD Asst Prof Bact Immunol

1D S NASSER PhD Asst Prof Bact Microbial Proc 6E P PREVIC PhD Asst Prof Bact Bact Metabolism

11 F PRESTON PhD Asst Prof Bact Microbial Proc

2050

12LELAND SHANOR PhD Prof Bot and Chmn of Dept (904-392-1894)

1H C ALDRICH PhD Asst Prof Bot 12D S ANTHONY PhD Assoc Prof and Assoc Biochem

1J S DAVIS PhD Asst Prof Bot

1E S FORD PhD Prof Bot

12G J FRITZ PhD Assoc Prof and Assoc Plant Physiol

1D G GRIFFIN PhD Asst Prof Biol Sci and Bot 1M M GRIFFITH PhD Prof Biol Sci and Prof Bot

12T E HUMPHREYS PhD Prof and Brochem

12J W KIMBROUGH PhD Asst Prof Bot and Asst Mycol

1A E LUGO PhD Asst Prof Bot

1J T MULLINS PhD Assoc Prof Biol Sci and Bot

1D C RIFE PhD Assoc Prof Bot

1R C SMITH PhD Asst Prof Bot

11 K VASIL PhD Assoc Prof Bot 12D B WARD PhD Assoc Prof and Assoc Bot

Dairy Science 2060

12E L FOUTS PhD Prof Dairy Tech Dairy Prod(s) (904-392-19811

3BARNEY HARRIS Jr PhD Assoc Prof and Assoc Dairyman

12H H HEAD PhD Asst Prof and Asst Physiol

12W A KRIENKE MS Assoc Prof and Assoc Dairy Tech Dairy Prod

Dairy Science-Continued

3C B LANE Jr PhD Assec Prof and A. Joe Dairy Teen Dairy Prod

12S P MARSHALL PhD Prof and Nutr 12L E MULL PhD Prof and Microbi 1 may 210d

3C W REAVES MSA Prot and Dairyn an

12K L SMITH PhD Assoc Prof Bact and Assoc Microbiol

12W WITHATCHER PhD Asst Prof and Asst Repro PhysioI

2J B WHITE BSA Assoc Prof. and Active Conry Hugh

(PC Chipley,
12C J WILCOX PhD Assoc Prof and Assoc Genet

12J M WING PhD Prof and Dairy Husb

Editorial 23M H SHARPE PhD Ed and Chmn of Dept (904-392-1771)

3D L BUCK BS Asst Commun Spec

23K B MEURLOTT MAJ Asst Ed

3D W POUCHER MA Asst Commun Spec 3R C SMITH Jr BA Asst Commun Spec 3ALMA WARREN MS Asst Commun Spec

2MARY C WILLIAMS MS Asst Ed

2C T WOODS Jr MA Asst Ed

1W T LOFTEN MAE Prof Agr Educ and Chmn of Dept 1C E BEEMAN EdD Asst Prof Educ 1S D PATTERSON EdD Asst Prof Educ

Entomology and Nematology

2090

123W G EDEN PhD Chmn of Dept

15D L BAILEY PnD Assoc Prof Enr Met

12F S BLANTON PhD Prof Ent Med

3J E BROGDON MAgr Ent Veg

15WA BRUCE PhD Res Assoc Ent Physical 12J FBUTLER PhD Asst Prof Livestock

15P S CALLAHAN PhD Prof Ent Med Flectro Physic

12W T CALAWAY MS Asst Prof Nematal

15M M COLE BS Instr Ent Med
1H L CROMROY PhD Assoc Prof Ent Acard

17G W DEKLE BS Instr Ent Tixor.

17H A DENMARK MS Asset Prof. Ent. Taxon 3D W DICKSON PhD Asst Prof. Ext. Nenuted

16R P ESSER BS Instr Ent Nematol

16A G FAIRCHILD PhD Prof Ent Med (Gorgas Lab)

15I H GILBERT PhD Prof Ent Med

15H K GOUCK MS Asst Prof Ent Med

12D H HABECK PhD Assoc Prof Em V of Inc. In a stures

3J D HAYNIE BSA Apic Dis and Quality

12L A HETRICK PhD Prof Ent For In.

12S H KERR PhD Assoc Ent Turf Ins

1SOL KRAMER PhD Prof Ent Morphol
12L C KUITERT PhD Prof Ent Topacco and Ornam Pests

15G C LaBRECQUE PhD Assoc Prof Ent Med

17K R LANGDON PnD Asst Prof Ent Neirat 4

1F A LEE MA Supvr Pest Control

15W J LEWIS PhD Ent Ins Biocontrol

15D A LINDQUIST PhD Prof Econ Ent 12J E LLOYD PhD Asst Pret Ent Eccl

15C F LOFGREN PhD Asst Prof Ent Med

15RONALD LOWE PhD Asst Prof Ent Med

15F C MARZKE PLD Prof Ent Stores Fr 3 Ins:

15M S MAYER PhD Asst Prof Ent Physiol

17F W MEAD MS | Asst Prof Ent Town.

15E P MERKEL BS Instr Ent Fer 15P B MORGAN PhD Prof Ent Med

15G A MOUNT PhD Asst Prof Ent Med

12MILLEDGE MURPHEY PhD From Ent Fig. Ver Apic

12J L NATION PhD Assoc Prot Ent Physical

15J H O'BANNON PhD Acros Prof Newatol

15R S PATTERSON PhD Asst Prof Ent Med

12VG PERRY PhD Prof Nematol

12W L PETERS PhD Asst Prof Ent Taxon
12F A ROBINSON MS Assoc Prof and Assoc Apic Honey Prod and Pollination

3D E SHORT PhD Asst Prof Ext Ent

15D L SILHACKE PhD Asst Prof Ins Ptysool 12G C SMART Jr PhD Assoc Nemarol Luri

12W W SMITH PhD Assoc Prof Ent Med

2090-2170 FLORIDA

Entomology and Nematology-Continued	Forestry-Continued
15B J SMITTLE PhD Assoc Prof Ent Med	12R E GODDARD PhD Assoc Prof and Assoc For Genet
3J RSTRAYER MAgr Asst Ext Ent Pesticides	IV L HARPER PhD Prof For
15T E SUMMERS PhD Assoc Prof Ent	3T G HERNDON MSF Assoc Form For
12R E WAITES PhD Assoc Prof Ent Nutr	12J B HUFFMAN DF Assoc Prof and Assoc Wood Technol
12T J WALKER PhD Prof Ent Orthoptera	3A S JENSEN MSF Asst Farm For
17H V WEEMS PhD Prof Ent Taxon	12C M KAUFMAN PhD Prof and For Silvic
15D E WEIDHAAS PhD Prof Ent Med	12J W MILLER Jr MSF Prof and For
IM J WESTFALL PhD Assoc Ent Odonata	12D M POST MSF Asst Prof and Asst For
12W H WHITCOMB PhD Prof Biocontrol 12R C WILKINSON PhD Assoc Prof and Assoc Ent Bark	12R A SCHMIDT PhD Asst Prof and Asst For Path 12W H SMITH PhD Asst Prof and Asst For Nutr
Beetles and Sawilies	12R G STANLEY PhD Prof and For Physiol
15W W WIRTH PhD Prof Ent Taxon	12R K STRICKLAND MSF Int Inst and Int Asst in For
17R E WOODRUFF PhD Asst Prof Ent Taxon	12E T SULLIVAN DF Assoc Prof and Assoc For Econ
	12K R SWINFORD PhD Prof and For Recrea
Extension Supervision and Specialists 2100	12L D WHITE PhD Asst Prof and Asst Range Ecol
3B J ALLEN MA Assoc State 4-H Club Agt	7 11 6
3CHARLA J BARTSCHT MS Home Mgt and Fam Econ	Freit Crops 2140
Spec	123A H KREZDORN PhD Prof Fruit Crops and Chmn Dept Citrus Brdg and Prod (904-392-1996)
3W W BROWN MAgr State 4-H Club Ldr 3PAULINE CALLOWAY PhD Home Econ Prog Devlpmt	3C E ARNOLD PhD Asst Hort
3SUSAN C CAMP MS Nutr	12R H BIGGS PhD Prof and Biochem
3CAROLYN J COMBRINK MS Housing and Equip Spec	2D W BUCHANAN PhD Asst Hort Decid Fruit Mgt
3ALTHEA RENGLE MS Food and Nutr Spec	3C E CROCKER PhD Asst Hort
3CLARA L GIBSON MS Cloth and Text Spec	12J F GERBER PhD Prof and Climatol
3G M GODWIN MAgr Assoc State 4-H Club Agt	3L K JACKSON MSA
3T C GREENAWALT MAgr Asst State 4-H Club Agt	3F P LAWRENCE MAGE Citric
13S E GRIGSBY PhD Prof and Training Spec	2R H SHARPE MS Hort Peach Nectorine Blueberry
3RUTH N HACKLER MS Consum Educ Spec	Brdg
3ROBERTA H HALL MS Home Impr Spec	2W B SHERMAN PhD Asst Hort Blackberry Plum Brdg 12JAMES SOULE PhD Prof and Hort Citrus Handling
3MARIE S HAMMER MHE Int Ext Home Econ 3MARY N HARRISON MS Consum Educ Spec	3D P H TUCKER PhD Asst Hort
3GLENDA M HUMPHRIES MSHE Household Equip Spec	3W F WARDOWSKI PhD Asst Hort Citrus Hdlg
3EARL M KELLY MAgr Dist Agt	1W J WILTBANK PhD Asst Prof Citrus Phys
3EMILY KING PhD Ext Home Econ Resource Devlpmt	IL W ZIEGLER PhD Prof Hort Citrus Mgt and Prod
3LORA A KISER BSHE Ext Home Econ Prof Devlpmt	
3RUTH L MILTON MS Assoc State 4-H Club Agt	International Programs 2145
3VERVIL L MITCHELL MS Home Mgt and Fam	123HUGH POPENOE PhD Dir (904-392-1965)
Econ Spec	123H E PEIRCE PhD Agr Educ Adv
3ELIZABETH E MUMM MPH Health Educ Spec	123J E ROSS PhD Asst Dir
3F S PERRY MAgr. Dist Agt	123E T YORK Jr PhD Prof
3EVELYN A ROOKS MHE Human Devlpmt Spec	Library 2150
3W H SMITH MAg Dist Ågt 3A A STRAUGHN PhD Åsst Dir	123A C STRICKLAND MS Assoc Libr in Chg (904-392-
3BETH H WALSH MS Foods Spec	1934)
3YANCEY B WALTERS MHe Home Econ Prog	123ANNE M HUFFMAN MS Asst Libr
3E R WHEATON MAg Dist Agt	123R D IVEY MS Asst Libr
3IZOLA F WILLIAMS MS Asst State Ldr Home Econ	123LAWAN V ORSER MS Asst Libr
	123JANIE L TYSON Asst Libr
Field Services 2110	123W B WEAVER MS Asst Libr
2W H JONES Jr MAgr Mtn & Constr Supt IFAS (904-392-	Ornamental Herticulture 2160
1984)	123Vacant Prof Ornam Hort and Chmn of Dept (904-
Food Science 2120	392-1831)
123R A DENNISON PhD Prof and Chmn of Dept (904-392-	3Vacant Asst Prof Ornam Hort
1993)	3C A CONOVER MS Asst Prof Ornam Hort Flor
12E M AHMED PhD Assoc Prof Food Psychophys	12R D DICKEY MSA Prof Ornam Hort Nursery
12HOWARD APPLEDORF PhD Asst Prof Human Nutr	12G C HORN PhD Prof Ornam Hort Turf
12R P BATES PhD Asst Prof Food Proc	12J N JOINER PhD Prof Ornam Hort Flor
12R H DOUGHERTY PhD Asst Prof Fruit and Veg Proc	3E W McELWEE PhD Prof Ornam Hort Nursery
12FW KNAPP PhD Assoc Prof Food Chem	2S E McFADDEN Jr PhD Asst Prof Ornam Nursery 34H G MEYERS MSA Asst Prof Ornam Hort Turf
12J A KOBURGER PhD Asst Prof Food Microbiol	12T J SHEEHAN PhD Prof Ornam Hort Flor
3R F MATTHEWS PhD Assoc Prof Food Sci 12V T MENDENHALL PhD Asst Prof Fisheries Prods	12C E WHITCOMB PhD Asst Prof Ornam Hort Nursery
12H A MOYE PhD Asst Prof Anal Chem	TO B WILLION BY THE COMMITTEE OF THE PARTY
12R C ROBBINS PhD Assoc Prof Human Nutr	
12N P THOMPSON PhD Asst Prof Plant Physiol	Plant Pathology 2170
2C H VAN MIDDELEM PhD Prof Pesticide Residue	123L H PURDY PhD Prof Plant Path and Chmn of Dept
Anal	(904-392-1861)
12W B WHEELER PhD Asst Prof Toxicol	2J A BARTZ PhD Asst Prof Plant Path 2A A COOK PhD Prof Plant Path
Forestry 2130	2PHARES DECKER PhD Prof Plant Path
Ferestry 2130 12J L GRAY DF A ssoc Prof and Chmn of Dept (904-392-	2T E FREEMAN PhD Prof Plant Path
1792)	2E HIEBERT PhD Asst Prof Plant Path
12S L BECKWITH PhD Assoc Prof and Assoc Wildlife	3T A KUCHAREK PhD Asst Prof Plant Path
Ecol Ecol	25H H LUKE PhD Prof Plant Path
12G W CORNWELL PhD Assoc Prof and Assoc Wildlife	2C R MILLER PhD Asst Prof Plant Path
Ecol	2H N MILLER PhD Prof Plant Path
3R D FORDMAS Asst Farm For	3R S MULLIN PhD Prof Plant Path 2D E PURCIFULL PhD Assoc Prof Plant Path
12P W FRAZER MF Assoc Prof and Assoc Dendrol	TO E LOUGHLOFF LIP ASSOC LIOI LIGHT LIGHT

FLORIDA 2170-2240

Plant Pathology-Continued

12D A ROBERTS PhD Prof Plant Path
2N C SCHENCK PhD Prof Plant Path

12R E STALL PhD Prof Plant Path

2F W ZETTLER PhD Asst Prof Plant Path

Poultry Science

2190

123R H HARMS PhD Prof Poultry Nutr and Chmn of Dept (904-392-1931)

3R B CHRISTMAS MSA Random Test Supvr

12B L DAMRON PhD Asst Prof and Asst Nutr 2C R DOUGLAS PhD Asst Poultry Sci

12J L FRY PhD AssocProf and Assoc Poultry Prod Tech

3L W KALCH MAgr Assoc Ext Poultryman
2D A ROLAND PhD Asst Prof Mgt

2R A VOITLE PhD Asst Prof and Asst Poultry Physiol 12H R WILSON PhD Assoc Prof and Assoc Poultry

2200 Soils

123C F ENO PhD Prof Soil Microbiol and Chmn of Dept (904-392-1804)

12W G BLUE PhD Prof and Biochem Soil Fert

12H L BRELAND PhD Assoc Prof and Assoc Soil Chem 12R E CALDWELL PhD Prof and Soil Chem

12V W CARLISLE PhD Assoc Prof and Assoc Soil Chem Soil Fert

1S N EDSON MS Assoc Prof Soils

12J G A FISKELL PhD Prof and Biochem Soil Fert

12NATHAN GAMMON Jr PhD Prof and Soil Chem

12L C HAMMOND PhD Prof and Soil Phys

3J H HERBERT Jr MSA Assoc Soil Conserv

2C C HORTENSTINE PhD Assoc Soil Chem

12D H HUBBELL PhD Asst Prof and Asst Soil Microbiol

2R G LEIGHTY BS Assoc Soil Surv

12R S MANSELL PhD Asst Prof and Asst Soil Phys

3JAMES NeSMITH PhD Assoc Soil Spec

12H L POPENOE PhD Assoc Prof and Assoc Soil Chem

12W L PRITCHETT PhD Prof and Soil Chem Fe.:
2W K ROBERTSON PhD Chem Soil Fert

12D F ROTHWELL PhD Assoc Prof and Assoc Soil Microbiol

1D O SPINKS PhD Prof Soil Chem

2L G THOMPSON Jr PhD Soil Chem

12G M VOLK PhD Prof and Soil Chem

2H W WINSOR BSA Asst Chem Soil Fert

2T L YUAN PhD Assoc Chem

12L W ZELAZNY PhD Asst Prof and Asst Soil Chem

2210

IWILLIAM MENDENHALL PhD Prof Statis and Chmn of Dept (904-392-1941)

2J A CORNELL PhD Asst Prof Statis

2F G MARTIN PhD Assoc Prof and Assoc Statis

2J E McLEAN BS Res Asst Statis

2J I THORNBY PhD Asst Statis

Vegetable Crops

2220

123G A MARLOW Jr PhD Prof Veg Crops and Chmn of Dept (904-392-1794)

2M J BASSETT PhD Asst Prof Hort

2D D GULL PhD Assoc Prof Hort 2C B HALL PhD Prof Hort

2L H HALSEY MSA Assoc Prof Hort 12S J LOCASCIO PhD Prof Hort

12A P LORZ PhD Prof Hort

3M E MARVEL PhD Assoc Prof Veg Crops Spec

3JAMES MONTELARO PhD Prof Veg Crops Spec

12V F NETTLES PhD Prof Hort
2R K SHOWALTER MS Prof Hort
3J M STEPHENS MSA Asst Prof Veg Crops Spec
12B D THOMPSON PhD Prof Hort

Veterinary Science

2230

123G T EDDS DVM PhD Prof Vet Sci and Chmn of Dept (904-392-1841)

12R E BRADLEY DVM PhD Assoc Prof ParasitoI

12P T CARDEIL HAC DVM PhD Assoc Prof Pharmacol

12W M COLWELL DVM PhD Asst Prof Virol

12D J FORRESTER PhD Asst Prof Parasitol

Veterinary Science—Continued

2E C HARLAND DVM Asst Prof Vet 12J A HIMES VMD PhD Assoc Prof Physicl

2Mrs CLAIRE A HOLDEN MS Res Instr Virol

3GW MEYERHOLZ DVM Assoc Prof Ext Vet

12F C NEAL DVM MS Assoc Prof Vet
2J T M NEILSON PhD Asst Prof Purusitol

12C F SIMPSON DVM PhD Prof Patn

2W M TAYLOR DVM MS Asst Prof Bact (PO Ft Lauderdale)

12F H WHITE PhD Prof Bact

Branch Stations and Field Laboratories

2240

Big Bend Hort Lap (Box 539 Monticello 32344)

2H W YOUNG PhD Assoc Prof Hort and Head (904-997-2597)

2S S FLUKER PhD Asst Prof Ent 2W J FRENCH PhD Asst Prof Phytopath

5J T RAESE PhD Asst Prof Physiol

Brooksville Beet Cattle Res Sta (Box 246 Brooksville 33512) 25W C BURNS MS Animal Husp and Head (904-796-3385)

Central Florida Expt Sta (PO Sanfora 32771)

2JF DARBY PhD Plant Path and Head Dis Veg (305-322-4134)

2R B FORBES PhD Assoc Soils Chem Veg Crops

2H L RHOADES PhD Assoc Nematol Veg Crops
2W T SCUDDER PhD Hort Herbicides

2J O STRANDBERG PhD Asst Plant Path

2P J WESTGATE PhD Hort Veg Crops

Citrus Expt Sta (PO Lake Alfred 33850)

2H J REITZ PhD Prof and Hort and Head (8.3-372-1151)

2L G ALBRIGO PhD Asst Prof Hort

2C A ANDERSON PhD Assoc Prof Soils Chem

23C I. ANDERSON MSA Asst Prof Farm Mktg Spec

27C D ATKINS BS Prof Chem

27J A ATTAWAY PhD Prof Chem

27R W BARRON BA Instr Chem

27J G BLAIR BSME Assoc Prof Mech Engin2R J BRADDOCK PhD Asst Prof Food Sci

2R F BROOKS PhD Assoc Prof Ent

27G E BROWN PhD Asst Prof Plant Path 2R C BULLOCK PhD Assec Prof Ent (PO Ft Pierce)

27B S BUSLIG MS Res Assoc Biochem

2D V CALVERT PhD Assec Prof So.la Chem (PO Ft Pierce) 2A F CAMP PhD Dir Emeritus Hort

2MORTIMER COHEN PhD Prof Plant Path (PO Ft Pierce)

27G E COPPOCK MS Prof Agr Engin

27D L DEASON PhD Asst Prof Agr Engin

27M H DOUGHERTY BS Asst Prof Chem Engin 2E P DuCHARME PhD Prof Plant Path

2G J EDWARDS BA Res Assoc 2A W FELDMAN PhD Prof Plant Path

27P J FELLERS PhD Asst Prof Food Tech

2FRANCINE E FISHER MS Asst Prot Plant Path

27J F FISHER PhD Assoc Prof Chem

2H W FORD PhD Frof Hort

2H B GRAVES Jr PhD Res Assoc

2WILLIAM GRIERSON PhD Prof Hort

2R W HANKS PhD Asst Prof Plant Physic!

2F W HAYWARD PhD Assoc Prof Blochem.

2Mrs PAMELA K HEARON BS Asst Libr

25S L HEDDEN MS Assoc Prof Agr Engin 2RUDOLPH HENDRICKSON BS Assoc Prof Chem

27E C HILL BSA Assoc Prof Bact

27R L HUGGART BS Assoc Prof Chem 27M A ISMAIL PhD Asst Prof Hort

2R B JOHNSON PhD Prof Ent

2J W KESTERSON MS Prof Chem 2L C KNORR PhD Prof Plant Path

2R C J KOO PhD Prof Hort

2C D LEONARD PhD Prof Hort 2S K LONG PhD Assoc Prof Ind Bact

27A A McCORNACK MS Assoc Prof Hert

27M D MARAULJA BS Instr Chem

27E L MOORE PhD Prof Chem 2M H MUMA PhD Prof Ent

2W F NEWHALL PhD Prof Biochem

FLORIDA 2240

Branch Stations and Field Laboratories-Continued

2R WOLSEN BS Prof Biochem.

27D R PETRUS MS Res Assoc Chem

2R L PHILLIPS PhD Asst Prof Hort 2A P PIERINGER PhD Asst Prof Hort

2R L REESE PhD Asst Prof Hort 2A H RCUSEMS Prof Pectin Chem

2W A SIMANTON PhD Prof Ent

25E H STEWART MS Assoc Prof Soils Phys (PO Ft Pierce)

21VAN STEWART PhD Prof Brochem

2R F SUIT PhD Prof Plant Path

2A C TARJAN Phl) Prof Nematal

27S V TING PhD Prof Blochem

23W F WARDOWSKI PhD Asst Prof Hort

23D P H TUCKER PhD Prof Area Cit Spec

2F WWENZEL Jr PhD Prof Chem.

2T A WHEATON PhD Asst Prof Hort
2J O WHITESIDE PhD Assoc Prof Plant Path

2J D WHITNEY PhD Asst Prof Agr Engin

27W C WILSON PhD Asst Prof Plant Physiol

27RW WOLFORD MA Assoc Prof Chem Everglades Expt Sta (PO Belle Glade 33430)

2D W BEARDSLEY PhD Prof and Head (305-996-3062)

2R J ALLEN Jr FhD Asst Prof Agron Pasture

2R D BERGER PhD Asst Prof Plant Path Veg Crops

2J B BROLMANN PhD Asst Prof Aaron Legume Brdr (PO Ft Pierce)

2H W BURDINE PhD Prof Plant Physiol Veg Crops

2T W CASSFLMAN MS Asst Prof Aur Engin Feed Harv ana Proc

25J F. CLAYTON MS - Assoc Frof Agr Engin Sugarcane

2J R CROCKETT PhD Assoc Prof Anii. Genet

2W W DEEN It MS Asst Prof Agr Engir. Vea Harv

3C E FREEMAN MS Asst in Aaron Sugarcane

2G J GASCHO PhD Asst Prof Agron Sugarcane Nutr

2W G GENUNG MS Assoc Prof Ent Veg Crops

2V E GREEN Jr PhD Prof Agron Corn and Sorghum 2V L GUZMAN PnD Prof Hort Ved Crops

2B WHAYES PhD Asst Prof Anim Nutr Beef Cattle

2N C HAYSLIP BSA Prof Ent Vea Crops (PO Ft Pierce)

2M J JANES PhD Asst Prof Ent Vey Crops

2S RJCHNSON PhD Asst Prof Nematol

2A E KRETSCHMER Jr PhD Prof Agron Pasture (PO Ft Pierce)

2F LeGRAND MS - Asst Prof Agron Sugarcane

6W F MINCEY Asst Prof Met USWB

2J R ORSENIGO PhD Prot Plant Physiol Weed Control

2H Y OZAKI PhD Assoc Prof Hort Veg Crops (PO Ft Pierce)

2F M PATE PhD Asst Prot Anim Nutr Beef Cattle

2G H SNYDER PhD Asst Prof Soils Chen.
2R M SONODA PhD Asst Prof Plant Path Veg Crops (PC Ft Pierce)

2B G VCLK PhD Asst Prof Soils Chem

Gulf Coast Expt Sta (PO Bradenton 33505)

25H WWHITTEMORE BSAE Assoc Prof Agr Engin Sugarcane

2E A WOLFMS Prof Hort Veg Brdg 2T A ZITTER PhD Asst Prof Plant Path Veg Crops

2J W STROBEL PhD Prof and Head Veg Brdg (813-755-1568)

2E E ALBREGHTS PnD Asst Prof Veg Nutr (PO Dover)

2CH BLAZQUEZ PhD Asst Prof Veg Dis (PC lmmokalee)

2D S BURGIS MSA Assoc Prof Veg Weed Control
2J P CRILL PhD Asst Prof Veg Genet

2A W ENGELHARD PhD Assoc Prof Ornam Dis

2P H EVERFTT PhD Prof Veg Nutr (PO Immokalee)

2C M GERALDSON PhD Prof Veg Nutr

23T S HIPP MS - Asst Prof Agr Econ Mgt

2CM HOWARD PhD Asst Prof Ved Dis (PO Dover)

2J P JONES PhI' Assoc Prof Veg Dis 2R O MAGIE PhD Prof Ornam Dis

25F J MAROUSKY PhD Asst Prof Ornam Post Harvesting Physiol

2Mrs AMEGDA J OVERMAN MS Assoc Prof Ornam V eg Nematol

2S L POE PhD Asst Prof Ornam Vea Ent

Branch Stations and Field Laboratories-Continued

2J C RAULSTON PhD Asst Prof Ornam Hort

2G J WILFRET PhD Asst Prof Ornam Genet

2S S WOLTZ PhD Prof Ornam Veg Physiol

North Florida Expt Sta (PO Quincy 32351)

2W H CHAPMAN MS Prof (Agron) and Head (904-627-9236)

2J B AITKEN PhD Asst Prof (Hort) Fruits, Veg

2F S BAKER Jr MSA Prof (Anim Husb) Beef Cattle
2R D FARNETT PhD Asst Prof (Agron) Small Grains Brda

26D RDAVIS AB Asst Prof (Met.) USDC
2C E DEAN PhD Prof (Agron) Shade Tob Brdg

2G L GREENE PhD Asst Prot (Ent) Field Crops

2R R KINCAIC PhD Prof (Path) Shade Tob 2R W LIPSCOMB MS Assoc Prof (Agron) Peanuts (PO Marianna 32446)

2F M RHOADS L:.D Asst Prof (Soil Chem) Shade Tob

2R L STANLEY Jr PhD Ass Prof (Agron) Forage Crops

2W B TAPPAN MSA Assor Prof (Ent) Shade Tob

Plantation Field Lab (3205 SW 70th Ave Ft Lauderdale 33314)

2B L JAMES PhD Crnam Hort and Head 305-584-6992

25R D BLACKBURN MS Assoc Bot Submersed Weed Control

2H 1 BORDERS Ph.D. Plant Path Turf and Ornam Dis

2E O BURT PhD Turi Tech

2A E DUDECK PhD Asst Turf Brdr

2W M MORTO N PhD Asst Crnam Hort

25W H SPEIR Asst Hyd Engin Watersheds

25K K STEWARD PhD Asst Plant Physiol Aquatic Weeds

2D L SUTTON PhD Asst Agron 2W M TAYLOR DVM Asst Microbiol

Potato Invest Lab (Box 728 Hastings 32045)

2D R HENSEL PhD Assoc Prof and Head Soils Veg (904-692-1792)

2J R SHUMAKER PhD Asst Prof Hort Veg

2D P WEINGARTNER PhD Asst Prof Plant Path Veg

2R B WORKMAN PhD Assoc Prof Ent Veg

Range Cattle Expt Sta (PO Ona 33865)

2H L CHAPMAN Jr PhD Prof Anim Nutr and Head (813 735-3121)

2C L. DANTZMAN PhD Asst Prof Soils Chem Soil Fert

2E M HODGES PhD Prof Pasture and Forage Crops

2J E McCALEB PhD Assoc Prof Pasture and Forage Crops

2F M PEACOCK MS Assoc Prof Anim Husb Beef Cattle Ridge Ornam Hort Lab (Rt 1 Box 980 Apopka 32703)

2W E WATERS PhD Hort and Head (305-889-4161)

2J F KNAUS PhD Asst Plant Path 2R T POOLE PhD Asst Plant Physiol

Subtropical Expt Sta (PO Homestead 33030)

2R A CONOVER PhD Plant Path and Head Veg and Subtropical Fruits (305-247-4624)

2R M BARANOWSKI PhD Ent Fruit Fly Res; Biol Control; Taxon - Hemiptera 2H H BRYAN PhD Asst Hort Veg

2C W CAMPBELL PhD Assoc Hort Subtropical Fruits 2R W HARKNESS PhD Assoc Chem Herbicide

2S E MALO PhD Asst Hort Subtropical Fruits

2R B MARLATT PhD Assoc Plant Path Ornam Dis 2R T McMILL AN Jr PhD Asst Plant Path Veg and Subtropical Fruits

2P G ORTH PhD Asst Soils Chem Veg and Subtropical Fruits

2P B VILLALON PhD Asst Plant Path Veg

2D O WOLFENBARGER PhD Ent Veg and Subtropical Fruits

2T W YOUNG PhD Hort Subtropical Fruits Suwannee Valley Expt Sta (PC Live Cak 32060)

2H W LUNDY BSA Assoc Agron and Head (904-362-1725)

2R H HOUSER Phl) Asst Anim Nutr

Watermelon and Grape Invest Lab (PO Leesburg 32748)

2J M CRALL PhD Plant Path and Head (904-787-3423)
2W C ADLERZ PhD Assoc Ent

2CARLOS BALERDI PhD Asst Hort Grapes and Peaches

2C H CURRAN DSc Ent Diptera

2G W ELMSTROM PhD Asst Hort

2D L HOPKINS PhD Asst Plant Path

Branch Stations and Field Laboratories-Continued

2J A MORTENSEN PhD Assoc Genet Grape Brdg and Genet

Weather Forecasting Ser (PC Box 1068 Lakeland 33802) **6**USDC, ESSA, Weather Bur

6J G GEORG BS Meteorol and Acta Head (813-682-4221) 6G R DAVIS BS Asst Meteorol

6R H DEAN Asst Meteorol

6R M HINSON BS Asst Meteorol

6G ₩ LEBER Asst Meteorol 6W F MINCHY Asst Meteorol

60 NORMAN BS Asst Meteorol

6R T SHEROUSE: Asst Meteorol **6**W R WALLIS BS: Asst Meteorol

6R I WOCTEN Asst Meteorol

6H : YATES Asst Meteorol

West Florida Expt Sta (PC Box 575 Rt 3 Jay 32565)

2C E HUTTON PhD Prof Soils Chem and Head (904-994-5215)

2J E BERTRAND PhD Assoc Prof Anin. Nutr

2L. S DUNAVIN PhD Assoc Prof Forage Crop Mgt

2R A KINLOCH PhD Asst Prof Field Crop Nerratol
2M C LUTRICK PnD Assoc Prof Soil Feit

2R I. SMITH MS - Assoc Prof Field Crop Mgt

School of Agriculture and Home Economics of the Florida Agricultural and Mechanical University, Tallahassee 3230" (Main tel 904-222-8030)

1College Staff 3Extension Staff 4Leave of Absence

2260

1B L PERRY Jr PnD Pres of Univ (904-222-8030)

1H E FINLEY PhD Vice Pres of Admin and Fiscal Affairs

1J F. GIBBS LLV Contracts and Grants Officer (904-222-8030)

IF COLDS AB Comptroller

1M C RHANEY PhD Vice Pres of Academic Affairs

IR G SEALS PhD Dean of Sch of Agr and Home Econ (904-222-8030)

Animal Science and Business

2270

INATHANIEL SAYLOR MS He id of Dept (904-222-8030) 4B B ARCHER MS Resident Tah: Tin: (904-222-8030)

1W L BATE MS Assoc Prof Poultry Indus

1.1 C BROWN MS Resident Tohr Trint
1.1 E EVANS PhD Prof Anim Husb
1.1.1 FFINIS PhD Assec Prof Bact

1T T LEWIS MS Assoc Prof Agr Econ 1W L FETCRS PhD Assoc Prof Ent 1C F WALKER PhD Prof Arm Sci

Earth and Plant Sciences

2275

1W L. JOHNSON PhD Head of Dept (904-222-8030)1C L COULTAS PhD Assoc Prof Soil Sci

1J J FRANKLIN MS Assoc Prof Hort

1W O MACK MS Asst Prof Farm Mech 1C B OWENS PhD Prof Agron

2280

3V L. FLHINS MEd. Area Prog Spec (904-222-1223)

Home Economics

2300

1Mrs CLINITA A FORD PhD Head of Dept (904-222-803C)

1Mrs JULEIN M. AXELSON MS - Asst Prof Foods and

1Mrs EMMA H KITTLES PhD Assoc Prof Cloth and Text 1Mrs BESLIF R M-CLENLON MEd Asst Prof Home Econ E. lu-

1Mrs CARRIEMAE G MARQUESS PhD Prof Foods and Nutr

1Mrs GENEVIEVE W THOMAS MA Assoc Prof Home Econ Educ

1Mrs DOROTHY J WELLS MS Asst Prof Cloth and Text

GEORGIA

College of Agriculture, College Experiment Station; College of Veterinary Medicine; Schools of Forestry and Home Economics of The University of Georgia, Athens, 30601 (Main tel 404-542-3030)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Micc 9A-TR, M-S Program

2340

123F C DAVISON DVM PhD Pres of Univ (404-542-1214) 2R C ANDERSON Phi. Vice Pres for Res (404-542-

123HENRY W GARREN Phi Deam and Coord of Col of Aar (404-542-3924)

123C B COOPER ABJ Asst to the Dean (404-542-4199)

31. W FBERHARDT BSF Dir of Agr Fxt (404-542-3824)

1R S WIIFELER PhD Dir of Resident Instr (404-

IR K NOLES PhD Associate of Resident Instr (404-542-16111

29W P FLATT PhD | I ir of Expt Sta (404-542-2376) 12R B TALBOT I VM PhD Dean Coloi Vet Med (404-

.42-3463) 123A M HERRICK Fhi: Dean Sch of For (404-542-2686) 12MARY SPEIRS PhD Dean of Sch of Home Econ

2E B BROWNE PnD Asst Dir Expt Sta and Resident Di: of Col Sta (404-542-3623)

26 B BRASELTON Jr LLB Asst Dir of Expt Sta (404-542-2377)

2350 Agronomy

12A R PERTRANL PhD Prof and Head of Lept and Chmn of Div (404-542-2462)

5W E ADAMS MS Res Assoc Soil Conserv

2D A ASHLEY PhD Ass Prof Crop Physiol 5G W BAILEY PhD Res Assoc Soil Chem

12E R BEATY PhD Prof Forage Crops

3P J BERGEAUX MS Assoc Prof Agron Soils and Fert Ext

12M J BITZER PhD Asst Prof Plant Brdg Small Grains

5J E BOX PhD Res Assoc Soil Phys

12A R BROWN PhD Assoc Prof Plant Brdg Small Grains 12R H BROWN PhD Assoc Prof Crop Physiol

5R R BRUCE PhD Res Assoc Soil Phys

2J F FLISNER PhD Asst Prof Weed Physiol

12A A PLEMING PaD Prof Plant Brdg Genet Com

3J D FOUNTAIN MS Inst Ext Agron Topacec

12J E GIDDENS PhD Prof Soil Microbiol

3W H GURLEY PhD Asst Prof Ext Agron Grain Crops 3J F JACKSON PhD Asst Prof Ext Agron Soybean

3J R JOHNSON BSA Prof and Head Ext Agron

3J B JONES PhD Asst Prof Ext Agron Soil Testing 3R A ISSAC PhD Asst Prof Ext Agron Chem

5R A LEONARD PhD Res Assoc Soil Phys Chem

3H C LOWERY MS Asst Prof Ext Agron Seed

12R A McCREERY PhD Assoc Prof Soil Chem 3J F McGILL MS Assoc Prof Ext Agron Peanut (Tifton)

3R L MILES MS Instr Ext Agron Topacco (Tifton)

3J F MILLER PhD Asst Prof Ext Agron Weed Control 12H D MORRIS PhD Prof Soil Fert

5J E PALLAS Jr PhD Res Assoc Plant Physiol

5S B PARKMAN PhD Asst Prof Seed Technol 12H I PERKINS PnD Prof Soil Fertility

3CHAFLES BOLLAND MS | Asst Prof Ext Agron Cotton (Ti:ton)

3W I SF.GARS MS Instr Areα Ext Agron 3W H SELL EJD Asst Prof Ext Agron

3F E CTANCIL MSA - Assoc Prof Ext Agron

3C W SWANN PhD Asst Prof Ext Agron Weed Control

12J B WEAVER Jr PhD Asst Prof Plant Brdg Cotton SS R WILKINSON PhD Res Assoc Forage Chem

Animal Science

1H B HENDERSON MS Prof and Head Dairy Dept Mfg (404-542-1854, 1634)

12C M CLIFTON PhD Assoc Prof Dairy Mgt 3G E CONATSER MS Instr Ext Anim Sci

2360-2430 GEORGIA

Editorial and Publications-Continued Animal Science - Continued 3M K COOK MS Instr Ext Anim Soi 3B R McELROY MS Instr Ext Ed Radio-TV 12A E CULLISON PhD Prof Anim Nutr Beef Cattle 3R F TANNER MA Asst Prof Ext Ed Radio-TV 30 G DANIEL PhD Prof and Head Ext Anim Sci 10 T FOSGATE PhD Prof Dairy Sci Education 3C J JARRETT MS | Aget Prof and Ext Dairy Sci 1A C JOHNSON Phi | Agenc Prof Anim Sci Physiol 1G L O'KELLEY Jr PhD Prof II A DICKERSON MEd Instr Reprod IJ W LASSITER Phi Prof Finin Nutr 2420 Engineering (Agr) IM L LOEWENSTEIN PhD Prof Dairy Mfg 12R H BROWN FinD Prof and Head of Lept and Chinn of 1H. S. L. A. M. E. Y. F. T. A. A. D. P. of Anim Nutr. 3J N. MAI DUN M.S. A. Sat Prif Ext Pairy Sci. 1J H. MARTIN End. Associated Lary Sci. Div Electronics (404-542-1655)

4J M ALLISON PhD Asst Prof Gen Engin

5A P BARNETT MS Res Assoc Scil Conserv THIC McCAME 61 LT. MS Instr Aum. Sci 5A H BENNETT MSAE Res Assoc A jr Engin 3W H MHKINNEY MS About First Fat Dairy Ser 12CARLISLE COBB Jr MS Assoc Prof Soi! Conserv 2W J MILLIE PhD Prof Dary Sci 6H S CARTER MA Res Assoc Climatol USDC 2M W Nr ATHERY MS Aust Prof Dury Sci 3D R RAMAGNERD: Alst Prof Fixt Anim Sci 1m D SCARTHERD: Asst Prof Anim Sci 12R W SEERLEY PhD Assoc Prof Anim Nutr Swine 12J L CHESNESS PhD Assoc Prof Soil Conserv 5R E CHILDS BSIE Res Assoc Syst Engin 12R L CLARK PhD Asst Prof Phys Prop 3P A CRAWFORD Jr EdD Assec Prof and Head Ext 1S J SPECK MS - Abut Prof. and Supt Creamery Engin 5L N DRUFY MSAE Res Assoc Environ Engin 3C M TRIPLETT MS Asst Ext Anim Sci (Tifton) A C. Phili. Instr Anna Sci. 5W R FORBUS Ir MSAE Syst Enum 3H K WELCH Jr MSA Assoc Prof and Head Ext Dairy 3H B GOOLSBY MS Asst Prof Ext Engin Power and Mach Sci 1R R HARRIS PhD Prof Agr Relat 5B C HAYNES Jr MSAE Res Assec Structures 1G E HENDERSON BSAE Prof Confd et AAVIM 31 F MEST Mr. Acc: From Electron Con (Tifton) 2390 Economics (Agr) 5W C HULBURT MS Res Assoc Mach 1237S J BRANGE THE FREE HOLDS Opt and Chmn 3W E HUSION MSAE As.st Prof Ext Engin Soil Conserv of Liv 3F BOYD ANLHEWS MS - Instr Area Resource Spec 12S E LAW PhD Asst Prof Field Mach 5W C LITTLE MSAE Hes Assec Suit Conserv 12H B MANBECK PhD Asst Prot Structures 3H O BAXTER MF Instr For Mktg 12E E BROWN PhD Prof Mktg Devipint 12B D McLENDON BSAE Instr Electronic 1W H PARADY MA Asst Prof Asst Coord AAVIM
12J S PERRY PhD Assoc Prof Food Engin 4R I BBCall of Fr. Alet Fred Fluid Mat. 3C J COX MS Asst Prof Poultry Mktg Spec 12L H DAVIS PhD Asst Prof Prod Econ and Foreign Agr 1W B RATTERREE PhD Prof Theory & Applied Mech 3J A DEMONS BSA Spec Agt Rural Area Devipmt

12T L FRAZIFH MS - Associating Mkt 7 2M J REED MS Instr Prod Hundling
12C E RICE PhD Assoc Prof Power and Mach 12P D ROGERS MSAE Assoc Prof Thomas Engin
3L E SAMPLES MSAE Instr Ext Engin Peanut Mech
3W E SEIGLER MSAE Instr Ext Engin Cotton 500 - 37. Arv PbC - Asst Ftc: F.Ud Entr. 3R 3 GLCVEH PbE - Asson Prof Ext Mkt ; Spec Agri-5A DISCHACKELFORD MSAE THES Accord Prof Prod 3W D HARRELL MAE. Abst Prof Head Resource Devlpmi Handling 5J W SIMONS MSAE - Res Addoc Structures 3R E SKINNER MSAE - Abst Prof of Engin 3W G HARTER FML Heart Fept For Furm Mgt 3AUGUSTS HILL, BSA - Spell Aut Agr Ext 1G W SMITH BFA Art Dir AAVIM 12R E SMITH PhD Assoc Pro: Electronics 12H F HILL Fh. Assoc Frof Folloy 12F J HOLLIMO PhD Asst Prot Mkt i 3JOSIAH HOSKINS Jr PhD Asst Prof Ext Resource Spec 1J H TURNER MSAE Engin Ed 12H D WHITE MSAE Prof Prod Handling
12J D WILSON PhD Asst Prof Environ Engin 3J L JOHNSON Ph! Aust Frof Purm Mgt 5H B JONES MS Prof Mktg 127 J D KELLEY Ph.D. Assoc Prof Rural Social
3T Z LANIER BOAT Resource Profest Agt
2M G LaPLANTE PhD Asst Prof Mktg
5W C McARTHUR PhD Prof Mgt 12I L WINSETT MSAE Asst Prof Elec Power 12J E WREN BLA Illus AAVIM Entomology 12C R JORDAN Jr Prot and Lav Chain (404-542-2817)
12H O LUND PhD Prof Ent and Head of Dept 12V R MILLER PLP Acros Prof Elemometrics
3W r M.LLER rn7 Asst End Com Res Devlpmt 12J W NIXON PhD Asst Prof Econ Devlpmt 12W T ATYEO PhD Prof Taxon 12C W BERISFORD PhD Asst Prof Ent 12M S BLUM PnD Prof Physiol 12U E BRADY PhD Assoc Prof Physical Toxicol 12F B SAUNDERS PLD Prof Prod Econ 30 C SMITH MS Asst Prof Farm Mgt 3V R COLEMAN MS Asst Ext Ent 12D A CROSSLEY Jr PhD Prof Ecol and Acarol 3R E SMITH MS Assoc Prof Resource Devlpmt 5ROBERT DAVIS PhD Assoc Pro: Hool and Aparol 127J D TARVER III From Held of Demographic Inst (Savannah) 12ALFRED DIETZ PnD Assoc Frot Ins Physiol and 12J C THOMESON PhD Frei Matg 12J T THORNE MS Instr for Prod Econ 3T B WALKUP MS Instr fix Spec Apiculture 5G F FEDDE PhD A, soc Pro: Int 12R T FRANKLIN PhD Assoc Fretrint 12D E WEISENHORN PhD Asst Prof Mktg 12F W WILLIAMS PhD Assoc Prof Mktg 3J L WILLIAMS MS Assoc Prof Dairy Mktg 3J C FRENCH MS Asst Prof Ext Ent (Tifton) 3E D HARRIS Jr PhD Assoc Prof Ext Ent 12H R HERMANN Jr PhD Asst Prof Morphol 3E W WILSON MS Indus Engin Agri business Instr 2C M HIMEL PhD Prof Biochem Physiol 12J O WISE PhD Asst Prof Mgt 12P E HUNTER PhD Prof Acarol

Editorial and Publications

3J P CARMICHAEL MSA Prof Educ and Chmn of Div

3V E. AL MACMA - A. Marco Alest Fixt Ed. 3R IL BROCKS MA - Instr. As. t Fixt Ed. 2S I. BURGESS MA - A. J. Prof. Fixpt Str. Ed. 3R I. COPER MA - Instr. Ext. Pub.

3DON JOHNSON MA And CH Ext News

2410

2430

12A O LEA PhD Assec Prof Endomin

5P T M LUM PhD Assoc Prof Physic I (elevarman)

12R W MATTHEWS PhD Asst Prof Behavior

12M C MILLER PhD Asst Prof Ins Toxicol and Ecol 3LP NOLAN MS Ext Ent

6H P NICHCLOON Ph.D. A. . Prot Tom . (UDCI)

5J C NORD PhD Res Assoc Ent

2430-2480 GEORGIA

Food Science-Continued

Entomology-Continued 7J H OLIVER Jr PhD Assoc Prof Cytodent (Statesboro)
5R M ROPPELL PhD Assoc Prof Physiol (Savannah) 12J A CARPENTER Phl. Associat 3J A CHEISTAIN PEL Association of the Edit 12H H ROSE PhD Prof Aquatic Ins and Ecol 12C H TSAC PhD Assoc Prof Physioi 12W P FLANAGAN Meat Lab Supvi 12M K HAMDY FAT I rof 12P E KOEHLER Phi Asst Prof 12D A LILLARD PhD Arase Prof 12T NAKAYAMA Ph! Assoc Prof 12J B WALLACE PhD Asst Prof Larval and Aquatic Ins 12A B WEATHERSBY PhD Prof Med

3HERBERT WOMACK MS Ext Ent-Cotton (Tifton) 12J J FOMERO Phi Prof 12R L CAPPLIF END Prot 5H D YATES PhD Assoc Prof Ent SD H SANDA HO BC arcountrate IMDE. AAS 3G A COHULLE PhD Asst Pro 2440 Environmental Design, School of 137H B OWENS Frof and Dean of Sch of Environ Design 12C J B UMIT Fab Froi 12B T TOLEI O Fab Acat Froi (404-542-1816) 1C E AGUAR MS Assoc Prof 1W I ASHLAND Jr MLA Assoc Prof 2470 Forestry (Col of Agr) 1WE BEERY MLA Assoc Prof 3C D DYER MF Prof and Head Ext For Dept IJ G GUTHPIE Jr MS Asst Prof 3C N BRIGHTWELL, MF Asst Prof Ext For 1J N HAYNES MLA Asst Prof 3J L BYFORL PM Instr Fxt For 3B R MURRAY MF Asst Prof Ext For 3G D WALKER MF Instr Ext For 1R J HILL MLA Ausco Prof 1J W LINLEY ME'A Assoc Prof 1R P NICHOLLS MLA Prof 3B J WARREN MF Instr Ext For 1D D RUNDELL MLA Asst Prof 1A D STOVALL MLA Asst Prof 2480 17J TO VATERS FLA - Asst ProficaD 3E N WEATHERLY Jr BLA - Spec Agt Landsc Arch Forest Resources, School of 126A M HERRICK PhD Prof and Dean of Sch Mgt 5MILTON APPLHEIFILD MSF Assis World Rei 3T G WILLIAMS Jr MLA - Assoc Prof and Head Ext 12J R BECKWITH III I Asst I'm I Util
12J E PETHUNE I I Asster Froi Mit
5R F BLONGUIST PhD Prin Wood on Landse Arch 2450 Extension Administration 12C L BROWN PhD Prof Genet and Physiol 3HENRY W GARREN PhD Deam and Coord 3L W EBERHARDT Jr BSF Dir and Prof 5W C BRYAN MS Plant Path 5W A CAMPBELL PaP Prin Plant Path 3G Y DUKE MS Asst Dir and Assoc Prof 5ALEXANDLR CLARK III MS Assoc and Sci 3C R O'KELLEY MSA Prof and Asst Dir 61 P CLUGSTON MR. Askt I In Tent Pien Unit US! I 3T L WALTON EdD Prof and State 4-H Club Ldr 12J L CLUTTER ET PER MIT 12LARRY CPAWLEY MS Instrict 3T D AAHON PhD Prof Asst Dir 3T ELTON BELL Spec Agt Admin Serv 5H E DICKERHOOF MS Indus Floon 3J R CARR MS Instrand Dist 4-H Ldr 5J E DUFF MF Assoc Wood Sci 3H E CHASTAIN BSA Asst Prof and Dist Agt Chmn 5D L DWINDELL PhD Assoc Plant Path 3BARBARA J COGBURN MA Ext Instr and Asst 4-H Ldr 12P J DYSON PhD Assoc Prof Util 3D EL COWAN MSA Instr Dist 4-H Ldr 5B H EBEL MS Assoc Fnt 3HAROLD DARDEN MEd Assoc Prof and Assoc State 5C A FASICK PhD Res For 4-H Ldr 5GERRY FELEN FOR A content of the 12C H FITZGERALD Followship Assistant Engine 3G M DAVIS BSA Instr Dist 4-H Ldr 3T I F AVIC Ir MSA - Asst Prof Dist 4-H Ldr 3BF FTY I, DOOLLEY BSHE - Spec Act 4-H 12J C FORTSON MS Asst Prof Mat 6AC FOX PhD Ldr Coop Fish Unit USIC
12R TERANKLED PtD Associated to
5LIGABY MF Assoc Wood Sci
2J T GREENE PhD Assoc Prof Genet 3TALMADGE C DuVALL BSA Asst Prof Dist Agt Chmn 3MARIAN FISHER BSHE. Asst Prof and Dist 4-H Ldr 3F W FITCH Jr MS Asst Prof and 4-H Club Ldr (Rock Eagle) 12L A HARGREAVES Jr PhD Prof Mgt 30 E GRIMES MAgr Ext Instrand Dist Agent Chmn 12J D HEWLETT FAL Prof For Hydr . 3JANA H GUY BS Spec Agt 4-H 3JAMES P HARRIS FdD Instr Ext Educ 5D D HOOK Phil. Res Plant Physiol. 12M T HUISH MS Asst Prof Fish Ric!
12D J JANES MS Instr For Mgt 3Mrs ANTOINETTE JOHNSON BSHE Asst Prof Dist Agt Home Econ 12J H JENKINS Ph.D. Prof Wildlife 12P L JOHNSON Pr.D. Assoc Frof Silvic 3CE CIL JOHNSON BSA Asst Prof and 4-H Ldr (Rock Eggle) 12B W JONES PhD Asst Frof Mat 3Mr.: MARCHA H JONES MSHE Prof and State Home 5P P KORMANIK MS Assoc Silvic 5J D LAWRENCE M3 Fees For Econ Ldr 3J J LANCASTER EdD Prof and Head Ext Educ 128 L MARCHINTON PhD Asst Prof Wildlife 3M C LITTLE MS $\,$ Instr and Asst 4-H Ldr $\,$ 5LONALD MARX Par Plant Eat. 3Mrs HAZEL MALONE MSHE Asst Prof and Dist Agt Home Econ 5F F MATTHEWS MG Assets Plant Purch 12J T MAY PhD Prof Silvio 3J H MACCEY MS - Asses Prof Dist Agt Chmn 3LCUIDE MIDEKS BSHE Asst Prof Dist Agt Home Econ 5R H McALISTER M3 For Prod Tech. 3CARRIE B POWELL BSHE Instr and Asst 4-H Ldr 5R G McALPINE ME Provider and From Silvice 3Mrs ADDIE R POWERS BSHE | Asst Prof and Dist Agt 5TOV MILLER MC Record For For For Hydrol
12W L NUTTER PhD Asst Prof For Hydrol
1J R PARKER MSF Asst Prof Econ Home Econ 3J W ROBERTSON MAg Ext - Asst Prof and Dist 4-H Ldr 3H F SHURLING MAE - Asst Prof and Dist Agt Chmn 3JOYE H SPATES BSHE. Asst Prof and Dist Agt Home Econ 1A E PATTERSON MSF Prof Mgt 3SUE STANFORT MS Asst Prof and Dist Agt Home Econ T. A THOMPSON RSHE | Asst Prof and Asst State 4-H Clic Lidr 3L T TO MANUT DAD Aset Prof and Dist Agt Chmn 3ROBERT F TOWNS BBA Admin Asst 12E E PROVOST PLD Associated William 12MERVIN REDIES PhD Prot Genet 5V L ROBINSON MS Assect on 3P C BUNCE MS Ext Mgt Inform Spec 5F W BOSS Phi | F mt Fith 5JIM ROWAN FIT | Fluit Late 2460 Food Science 5J L RUEHLE PhD Plant Nematol 12J C AYRES PaD Prof. Head of Dept. and Div Chmn 5G R SAMPSON MS Rep For

(404 - 42 - 2517)

3A F PACENHOP Phil Aust Prof

5J R SAUCIER MS Acs - W of Car

2480-2550 GEORGIA

SET SPECIES M. Pin len. 1286 - 1285 - 1284	Forest Resources, School of-Continued	Horticulture-Continued
128th - LLEI CHARACKEUDRUM M. Asset Pred Sund Physiol 98th A TARRAS PEO Pin Mood Sci. 128 of Thinkock CHSect. Bank People and Sci. 2 STEPPEN Proceedings of A ALLERE SC Computer Prog. 2 C STEPPEN Proc. 128 of Allere Sci. 2 Steppen Asset 2 C STEPPEN Proc. 128 of Allere Sci. 2 Steppen Asset 2 Steppen Ass	5J G SCHROEDER MF Wood Sci	
12CLAUS STEIN-FECK SHC Anal First Soil and Physiol 31A ATABAS PID 1 Print Read 12C STRACKER SSET I hast both 52C BATTACKER SSET I hast both 53C BATTACKER S		
1932 F THACKER BSS Insist Mod Sc SG PG MC MC Assoc Wood Sc SG PG MC TAS Play B PG MC Assoc Mc SG SG PG MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG Mc Post And SG C MC TAS PG 198 PG MC P	12KLAUS STEINBECK PhD Asst Prof Soil and Physiol	(FO Savannah)
SO BY MICH ME Assert Wood Sci. 95 OF WINDS HE SE Compare Prop. 95 OF WINDS HE SE Compare Prop. 95 OF WINDS HE SE OF Residue. 95 OF WINDS HE SE OF Residue. 95 OF WINDS HE SE OF Residue. 96 OF WINDS HE SE OF Residue. 96 OF WINDS HE SE OF RESIdue. 196 OF WINDS HE SE OF RESIdue. 197 OF WINDS HE SE OF RESIdue. 197 OF WINDS HE SE OF RESIdue. 198 OF WINDS HE SE OF RESIdue. 199 OF WINDS HE SE OF RESIdue. 1		3PAUL COLLITZ MS Instr Exit Hort (Chatsworth)
56 S. ALLOH S. Compare Proc. 57 C. STITUPE HOT BE READ PROSACE. 58 OF CATALS PRO Associate 58 OF CATALS PRO PROSE PRO PROSE PROCESSAGE 58 OF CATALS PRO PROSE PRO PROSE PROSE PROCESSAGE 58 OF CATALS PROPERTY PRO Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 58 OF CATALS PRODUCES. Associate Prof. House no end 59 OF CATALS PRODUCES. Associate Prof. House no end 59 OF CATALS PRODUCES. Associate Prof. House no end 59 OF CATALS PRODUCES. Associate Prof. House no end 59 OF CATALS PRODUCES. Associate Prof. House no end 59 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof. House no end 50 OF CATALS PRODUCES. Associate Prof.		
SHO CYATES PAD Associated SH Paul Country Should be provided by Paul Country Should be		3THCY KEEBLE MS Instr Ext Ornam and Flor
## FORWIGES Prese Arch ## Reme Economics, School of ## PAPEY SPEERS PROD. Prof and Deem of Sch (404-542/251) ## SPEERS		·
Hene Economics, School of 1943 PRULLAND PED Asset Prior for 1943 PRULLARD PED Asset Prior for 1943 PRULLARD PED Asset Prior Floor 1945 PRULLARD PED Asset Prior Floor 1956 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE C INCY. MARL. A see Prior For Housing 1945 PRULLE PRIOR NAME AND Proof Child Devlptet 1945 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME For the Prior For Mark. 1946 PRULLE PRIOR NAME FOR THE PROOF PRIOR		2F b PERby Mill Instr Ornam
PHARY SPEIRS PAID. Prof on Count Cash (404-542-251) SPECUSA VARAMAN South and Home Sensity URLIZABITH ARMSTRONG MS. Assoc Prof and Head of Coots and Text Usins SUPANIE B ARACHINO MS. Assoc Prof and Head of Coots and Text Usins SUPANIE B ARACHINO MS. Assoc Prof Housing and Miss BIT YV B BALLEY FED. Assoc Prof Housing and BIT YV B BALLEY FED. Assoc Prof Housing and Home Mgt. MAY BECKEN MHE. B Assoc Prof Housing and Home Mgt. MAY BECKEN SAME Assoc Prof Housing and Home Mgt. MAY BECKEN END FOR Myz. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest Prof from Supandia Miss BOOKEN MS. Bast East Prof Poliusing and Home Mgt. Mas SURFARY NEAL PRO. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Could Devient UENNITTR FARE-HILD MS. Bast interest response Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY B CLENDENING MS. Assoc Prof Housing and Home Mgt. MARY	Hama Farancian Sala 1 (
SHENLARM FARMSTRONG MAS Assoc Frost and Beart of Cloth and Text (1997). Assoc Prof. Housing and Home Met. (1997). Fall Lety Fall Assoc Prof. Housing and Home Met. (1997). Assoc Prof. Cald Deelpat. (1997). Assoc Pro		
ed Clock and Test 2th SLIVANDE B HAZE-HIGH NY Assist Prof Brazeno mid Home Mat When PETRY W SALLEY PAD Assist Prof Housing and Home Mat SULLIN ELOY MAHE. A soc Prof Littlewe From 12 CKSTES PHD Prof Nat WAY S ELOY MAHE. A soc Prof Littlewe From 12 CKSTES PHD Prof Nat WAY S ELOY MAHE. A soc Prof Littlewe From 12 CKSTES PHD Prof Nat What THERRY N PEAL PhD. Assist Prof Housing and May B CLEVENING MAN Assist Prof Prof Housing and Rome Mat BE CHASSLEY PHD Assist Prof Housing and Rome Mat 12 CHASSLEY PHD Assist Prof Housing and Rome Mat 13 CHASSLEY PHD Assist Prof Housing and Rome Mat 14 CHASSLEY PHD Assist Prof Housing and Rome Mat 15 CHASSLEY PHD Assist Prof Housing and Rome Mat 16 CHASSLEY PHD Assist Prof Housing and Rome Mat 17 CHASSLEY PHD Assist Prof Housing and Rome Mat 18 CHASSLEY PHD Assist Prof Housing and Rome Mat 18 CHASSLEY PHD Assist Prof Housing and Home Mat 19 CHASSLEY PHD Assist Prof Housing and Home Mat 19 CHASSLEY PHD Assist Prof Housing and Home Mat 19 CHASSLEY PHD Assist Prof Housing and Home Mat 19 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing and Home Mat 10 CHASSLEY PHD Assist Prof Housing Assist Photology Photology Photology Mat 10 CH	3PHYLIS W ADAMS MS Instr Eat Home Econ	2DARRELL SPARKS PhD Asst Prof Pecon Physiol
12th SU/ANIC B HAZEHOR MA Asset Prof. Boston and Hore Mat. With BETTY W BALLEY HAD. Asset Prof. Existing and Hore Mat. With BETTY W BALLEY HAD. Asset Prof. Existing and HAZEHOR BETON MAT. BETON MAT. Asset Prof. Existing and HAZEHOR HAD. Asset Prof. Existing and HAZEHOR HAD. Asset Prof. Child Devignet MAY ECULYXON MS. Bast Exist Hore From Mits DOROTHER AEXISTING MAT. Asset Prof. Child Devignet MAY ECULYXON MS. Bast Exist Hore From Mits DOROTHER AEXISTING MS. Asset Prof. Child Devignet MAY ECULYXON MS. Bast Exist Hore From Mits DOROTHER AEXISTING MS. Bast Exist Hore From Mits DOROTHER AEXISTING MS. Bast Exist Hore From Mits DOROTHER AEXISTING MS. Bast Exist Hore From Mits BOROTHER AEXISTING MS. Bast Prof. Child Devignet Mat. B CHERTON MS. Bast Prof. Exist Hore Ex		
The Note of the Work Mark. Was DETTY WalkLEY FAD Assoc Prof. Howards and Bore May. SICLLEY CROW MARK. A soc Prof. Dat. Home Proc. WANTY L. BROOM MA. Soc Prof. Dat. Home Proc. WANTY L. BROOM MA. Soc Prof. Dat. Home Proc. WANTY C. BROOM MA. Soc Prof. Child Devignat. WANTY C. BROOM MA. Soc Prof. Child Devignat. WANTY C. BROOM MA. Soc Prof. Child Devignat. WANTY C. CHILD WAS PROF. WANTY C. BROOM MA. Soc Prof. Child Devignat. WAS SAPE C. DINN MEE. The prof. Child Devignat. WAS SAPE C. DINN MEE. The prof. Child Devignat. WAS SAPE C. DINN MEE. The prof. Child Devignat. WAS SAPE C. DINN MEE. The prof. Child Devignat. WANTY C. BROOM MA. Soc Prof. Child Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. BROOM MA. Soc. Prof. For Devignat. WANTY C. WANTY C. WANTY C. BROOM HARD MARKY C. WANTY C.		·
Horse Mat. SICLLET C. SCYM M.H.B. A. soc Prof. Ent Home From. IFANY L. SHOOKE M.S. Assit Prof. Fam. Devipat. JANALDA J. EROMN M.S. Inset Ext Home Iron. W. O CASTER PND. Prof. fluor. MARY B. CLENDENING M.S. Assit Prof. Child Devipant. MARY B. CLENDENING M.S. Assit Prof. Child Devipant. MARY D. CLENDENING M.S. Sales the Bone From. M. D. CASTER PND. Prof. Base Prof. Child Devipant. MARY D. CLENDENING M.S. Assit Prof. Child Devipant. MARY D. CLENDENING M.S. Sales the Bone From. M. D. CASTER PND. Assoc Prof. Child Devipant. LICHNIFTER FALSHILL M.S. Inset release and Home Mat. 1283 MARCHER F. GUINN M.E. Chart Child Tevipant. Mat. SARA B. CONN. M.E. Chart Child Tevipant. Mat. SARA B. CONN. M.E. Chart Child Tevipant. Mat. SARA B. CONN. M.E. Chart Child Tevipant. Mat. SARA B. ASSOC Prof. Child Devipant. I. SARAH B. JENKINS M.S. Assot Prof. Child Devipant. I. SARAH B. JENKINS M.S. Assot Prof. Child Devipant. I. SARAH B. JENKINS M. Assot Prof. Child Devipant. I. SARAH B. JENKINS M.S. Assot Prof.	and Home Mgt	Tition)
250 SECRETARY N. SEAD PORT FOR Deviport 3A4A3DA J. BEROWN MA. Insite Exit Heree Floor Mis DOADSER PRID. Prof. Mars. MARY B. CLENDERING MS. Asset Prof. Found and Home Mit. Mars. THERRY N. SEAL PRID. Asset Prof. Found Deviport Miss. THERRY N. SEAL PRID. Asset Prof. Found Deviport Miss. THERRY N. SEAL PRID. Asset Prof. Found Deviport Miss. CARNES C. M. Asset Prof. Child Deviport Miss. THERRY N. SEAL PRID. Asset Prof. Found Deviport Miss. DOADSTREA EDWARDS MSHC. Asset Prof. Found Deviport Miss. CARNES C. M. Asset Prof. Child Deviport Miss. LAND, MISS. Asset Prof. Asset Prof. Found Deviport Miss. LAND, MISS. Asset Prof. Child Deviport Miss. LAND, MISS. Asset Prof. Child Deviport Miss. LAND, MISS. Asset Prof. Child Deviport MARTHAL ASSOC ON MISS. Asset Prof. Incl. Asset Prof. Prof. Seal Prof. Asset Prof. Prof. Miss. Deviport MARTHAL LABOON MS. Asset Prof. Incl. Miss. Miss. The Asset Prof. Found Deviport MARTHAL LABOON MS. Asset Prof. Incl. Miss.		
JACKSTEP FIDE Prof Dear More IMARY'S CLENDENING MS Asset Prof Could Deviport More THERRY N CEAL PhD: Asset Prof Could Deviport More THERRY N CEAL PhD: Asset Prof Could Deviport More THERRY N CEAL PhD: Asset Prof Could Deviport More CRISSLEY PhT: Asset Prof Could Deviport IR CENESLEY PhT: Asset Prof Could Deviport IR CENESLEY PhT: Asset Prof Could Deviport More SARA & COUNT MIRE: Instruction and Home Mot ISUSAN CARNEER NS: Instruction and Text	3NELLIF C BOY: MSHE A. soc Prof Ext Home Econ	121 W CALLOT IID - Flot Post-Haivest Physiol
IN CASTES Field Prof Murr MARY B CLENDENING NS Asset Prof Could Deviput MARY ECU CIXON MS Inset Cell for From Mis Chief Prof Experiment of the County of the		
142 WHEN PAIL Asso Prof Nousing and Home May 152 A CAMPBELLE IPIC Times Asso For Porth May FLOLO ENOIN MS. Inset For Home From Mrs. DOROTHEA EEWARDS MSHC. Asst Prof Housing and Home May 152 A CAMPBELLE IPIC Times Asso For Porth Housing and Home May 152 A CAMPBELLE IPIC Times Asso For Porth Housing and Home May 152 AND ASSO Prof Could Devlant Home May 153 AND ASSO Prof Could Devlant Mrs. Part Cooks and Time and Nutr Mrs. CAMP E COUNT MSHE INSET Child Text Child Ceviliant Mrs. AME MIRARITY MS I for Choice and Time and Nutr Mrs. CAMP E COUNT MSHE I mater Child Text Child Ceviliant Mrs. AME MIRARITY MSHE Inset Child Several Mrs. Associated Mrs. Mrs. Associated Mrs. Mrs. Campbell Mrs. Mrs. Campbell Mrs. Associated Mrs. Mrs. Campbell Mrs. Mrs. Campbell Mrs. Mrs. Mrs. Campbell Mrs. Mrs. Mrs. Campbell Mrs. Mrs. Mrs. Mrs. Mrs. Mrs. Mrs. Mrs.		
MMS THERRY NO DEAL PROCHAIN SAME CASH Prof Call Devipers MARY FUCU EXON MS. Insit Existence From Mis DOROTHEA EEWARDS MSHC. Asst Prof Housing and Rose Mgt. 18 CONCSIEVE PROF. Assoc Prof. Child Devipers INCOMPRES ALSHOLL MS. Insit Cloth and Text INCOMPRES ALSHOLL MS. Insit Cloth Assoc Prof. Incompres INCOMPRES ASSOC P	1MARY B CLENDENING MS Asst Prof Housing and	
MMS DOROTHEA EDWARDS MSHE Asset Prof Housing and Kone Mgt IN CENES EY PRE Asset Prof Cauld Deviper INFORMER AS INSTACHALD MS Instrict Good of Feet Instrument of Meet INSTAC AGAINER MS Instrict Color of Meet Instrument of		
Miss DOROTHEA EDWARDS MSHE Asst Prof Housing and Home Mgt 1R C DROS, EY PRE Assoc Prof Gold Devision 1R C DROS, EY PRE Assoc Prof Gold Devision 1R SAMA GAPNER MS insist Clock and Text 12BARBARA E ORIGINA MS insist Clock and Text 12BARBARA E ORIGINA MS insist Clock and Text 12BARBARA E ORIGINA MS insist Clock and Not Insist Clock and Text 12BARBARA E ORIGINA MS insist Clock and Not Insist Clock and Text 12BARBARA E ORIGINA MS insist Clock and Text 12F HARLINES MS CREEN TAM MANCES MSE Insist Child Cevision 1Ms ANNA HARVEY MS forth of the Mst 1BARAH B JENKINS MS Asst Prof Eduction 1BARAH B JENKINS MS Asst Prof E	3MAPY LCU DIXON MS Instr Ext Hone Foon	
INTERNIER FARCHLIN SIL INSTITUTION SILENT INSTITUTION SILENT INSTITUTION SILENT STAPE AS CONTROLLED SILENT	1Mrs DOROTHEA EDWARDS MSHE Asst Prof Housing and	5L D DWINFLL PhD A t Prof For Path
IJENNIFER FARCHILLO MS I Instr Cloth and Text IZBARBARA E GREENE PAC Asst Prof Foods and Note IZBARBARA E GREENE PAC Asst Prof Foods and Note IXBS SAPA E GROWN MED Instr Child Peolphic IMs SAPA E GROWN MED Instr Child Peolphic IMs LANE M HARRYCY MED I Last Cloth and Text Devipmt ISBARBAR B JENKINS MS Asst Prof Rousing and Home Mat MARTHAR B JOHNSON MS Asst Prof Rousing and Home Mat MARTHAR B JOHNSON MS Asst Prof Cloth and Text DR KEREF MS Asst Consum Econ IK B KING PhD Assoc Prof Find Devipmt IMARTHAR LAGBOON MS Consum Econ IK B KING PhD Assoc Prof Find Devipmt IMARTHAR LAGBOON MS Asst Prof Exp Home Econ IN MARTHAR LAGBOON MS Asst Prof Exp Home Econ IN MARTHAR LAGBOON MS Asst Prof Find Devipmt INFORMATION LOWER EAST PROF Exp Home Econ IN MIN CHAPA PARCHE MS PhD Assoc Prof I for I home Econ IN MIN CHAPA PARCHE MS PROF Exp Home Econ IN MIN CHAPA PARCHE MS I last Ext Home Econ IN KOSBORN PhD Prof and Head of Housing and Home Mut IRUTH MOORE MS Asst Prof Foods INFORMATION LIGHT MS I last Ext Home Econ ID K OSBORN PhD Prof Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S PARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Child Devipmt IMMS BLANKANN S BARKET MHF I last Chil		
18USAN CAPNER MS Instr Cloth and Text 12BARBARA E GREENE PAC Asst Pref Foods and Notr 18th SANA E GROW MHE Instr Child Deviger 18th ROBERTA M HAMES MHE Instr Child Deviger 18th ROBERTA M HAMES MHE Instr Cloth and Text 10 F HOBSS PAC Assoc Prof Child Devigent and Forn 19th HOBSS PAC Assoc Prof Child Devigent and Forn 19th HOBSS PAC Assoc Prof Child Devigent and Forn 19th HOBSS PAC Assoc Prof Forn Devigent 18th ANNI M HARVEY MEd Instr Cloth and Text 20 R KEEFE MS Asst Consum Econ 18th RING PhD Assoc Prof Forn Devigent 18th RING PhD Assoc Prof Forn Devigent 18th ALABOON MS Asst Prof for Brevigent 20 R KEEFE MS Asst Consum Econ 18th RING PhD Assoc Prof Forn Devigent 18th ALABOON MS Asst Prof Forn Devigent 21bCRA M LANE MSHE Asst Prof Exil Home Econ 18th ALABOON MS Asst Prof Forn Devigent 21bCRA M LANE MSHE Asst Prof Exil Home Econ 18th ALABOON MS Asst Prof Forn Devigent 21bCRA M LANE MSHE Asst Prof Exil Home Econ 18th ALABOON MS Asst Prof St Home Econ 18th ALABOON MS Asst Prof Exil MSHE Asst Pro	UENNIFER FAIRCHILD MS Instr Housing and Home Mgt	
Miss SAPA & GUNN MEE Instrict Child Cevipit: Miss LANCE M HARVES MEE Instrict Child Cevipit: MARATHA & JOHNSOL ME Invite Ext. Home Bean Mytellate Johnson MS Asst Prof Cloth and Text 2D R KEEFE MS Asst Consum Econ Miss BLORA M LANNE MSHE. Asst Prof Erm Devlipit MARTHA LaBOON MS Asst Prof Form Devlipit MARTHA LaBOON MS Asst Prof Form Devlipit MARTHA LaBOON MS Asst Prof Form Devlipit MISS CHAPLOTTE M MSHE. Asst Prof Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Ext Home Econ Miss CHAPLOTTE M MCHELL MS Instrict Child Devlipit Miss SUAVAN SARRES MEM Extractional Extra Child Devlipit Miss SUAVAN SARRES MEM Extra Child Devlipit Miss SUAVAN SARRES MEM Extra Child Devlipit Miss SUAVAN SARRES MEM Extra Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Ext Home Econ Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Ext Home Econ Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Ext Home Econ Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EXT Home Econ Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EXT Home Econ Miss CAROLYN M SMITH EAD Asst Prof Child Devlipit Miss CAROLYN M SMITH EXT Home Econ Miss CAROLYN M SMITH EXT Home Econ Miss CAROLYN M SMITH EXT Home Ec	ISUSAN GARNER MS Instr Cloth and Text	
 IMMS HOBERTA M HAMES MHE Teatr Child Tevitors IMS SANE M HARVEY MES Torry Cloth and Tow 1D F ROBBS PAD Assoc Prof Child Devient and Floring Devignat ISARAH B JENKINS MS Asst Prof Housing and Home Mgt IMARTHA A JOHNSOI WE Invertise Home Boon IWYNELLE JOHNSON MS Asst Prof Cloth and Text IDR KEEFE MS Asst Consum Econ IW SELLE JOHNSON MS Asst Prof Form Devignat IMARTHA LOBOON MS Asst Prof Form Devignat ILCRAIN LAINE MSHE Asst Prof Ext Home Boon IN B KING PhD Assoc Prof Form Devignat ILCRAIN LAINE MSHE Asst Prof Ext Home Econ IN BANK HOME Asst Prof Form Devignat IRHON MYN LOWRY Edo Assoc Prof form Devignat IRHON MYN LOWRY Edo Assoc Prof fixt Home Econ IN MARGABLE IN LINEER MHE Institute Inst		
Devignat ISARAH B JENKINS MS Asst Prof Housing and Home Mgt MANTHA B JOHNSON MS Asst Prof Housing and Home Mgt MANTHA B JOHNSON MS Asst Prof Cloth and Text 2D R KEEFE MS Asst Consum Econ IK B KING PhD Assoc Prof Fam Devignat 3LORA M LAINE MSHE Asst Prof Era Devignat 3LORA M LAINE MSHE Asst Prof Fam Devignat 3LORA M LAINE MSHE Asst Prof Fam Devignat 3HONNYM LOWRY EDD Assoc Prof Fam Devignat 3HONNYM LOWRY EDD Assoc Prof Fam Devignat 3RHONNYM LOWRY EDD Assoc Prof Fam Devignat 3MAPGAPET L MCDITTE M MONEIL MS Insit Foods 2DESSE J MIZE PhD Prof and Head of Housing and Home Mgt INTH MOORE MS Asst Prof Foods 3DORIS M CGLESRY MSHE Assoc Prof Fish Home Econ IMS CLIGAYA P PACUIC MHE Temp insit Child Devignat IMS SLIGAYA P PACUIC MHE Temp insit Child Devignat IMS SLIGAYA P PACUIC MHE Temp insit Child Devignat INTS ANNE PARDUS MS Insit Fish Home Econ INTS ANNE PARDUS MS Insit Ext Home Econ INTS ANNE PARDUS MS Insit Fish Home Econ INTS ANNE PARDUS MS Insit Ext Home Econ INTS ANNE PARDUS MS Insit Fish Home Econ INTS ANNE PARDUS MS Insit Fish Home Econ INTS ANNE PARBUS MS Insit Child Devignat INTS ANNE PARBUS MS Insit Fish Home Econ INTS ANNE PARBUS MS Insit Fish Home Econ INTS ANNE PARBUS MS Insit Ext Home Econ INTS ANNE PARBUS MS Insit Fish Home Econ INTS AN		12S M McCARTER PhD Asst Prof Bact Cotton Dis
Devipmt ISARAH B JENKINS MS Asst Prof Housing and Home Mgt ISARAH B JENKINS MS Asst Prof Housing and Home Mgt IMARTHA R JOHNSOI MS Inter Ext Home Beon IWYNELLE JOHNSON MS Asst Prof Cloth and Text 20 R KEEFE MS Asst Consum Econ IK B KING PBD Assoc Prof Fam Devlpmt IK B KING PBD Assoc Prof Fam Devlpmt ILORAM LAINE MSHE Asst Prof Ext Home Econ IWINNEL F LUFFMAN MSHE Asst Prof Ext Home Econ IWINNEL F LUFFMAN MSHE Asst Prof Cloth and Text 12DGRIS H LUKER MRE Instrict Home Econ IWINNEL F LUFFMAN MSHE Asst Prof Cloth and Text 12DGRIS H LUKER MRE Instrict Home Econ IMIS CHAPLOTTE M MONELL MS Instrict Bods 12JESSIE J MIZE PhD Prof and Head of Housing and Home Mgt IRUTH MOORE MS Asst Prof Child Devlpmt IMIS SIDVANNELS PARCES Assoc Prof Fam Lover IMIS ANNE PARQUE MRE Temp instricted Devlpmt IMIS SIDVANNELS PARCES MRE Temp instricted Devlpmt IMIS ANNE PARQUE MRE Temp instricted Devlpmt INFANCE PARCES MRE Assoc Prof For Mre Mre Make Assoc Prof For Mre Mre Mre Assoc Prof Physiol 12 H FILE TO Assoc Prof For Fru 5 J ERWARI PRO Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instricted Text Plant Parce 12 M REMSS PARCE Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instricted Text Plant Parce 12 J EWESS PLD Assoc Prof For Instr		
18AAAH B JENKINS MS Asst Prof Housing and Home Mot Mat MARTHA R JOHNSOIT MS Instr. Ext. Home Econ IWYNELLE JOHNSON MS Asst Prof Cloth and Text 2D R KEEFE MS Asst Consum Econ IK B KING PhD Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Asst Prof Fam Devlpmt IMARTHA LaBOON MS INSTITUTE MARTHA MSILE Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Instr. Child Devlpmt IMARTHA LaBOON MS Asst Prof Foods IMARTHA MSILE Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Asst Prof Foods IMARTHA MSILE Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Asst Prof Foods IMARTHA MSILE Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Asst Prof Fam Devlpmt IMARTHA LaBOON MS Asst Prof Foods IMARTHA MSILE Assoc Prof Fam Devlpmt IMARTHA LaBOON MS Assoc Prof		
MARRITHA R JOHNSOLMS Librar Ext Herber Econ 1WYNELLE JOHNSON MS Asst Prof Cloth and Text 2D R KEEPE MS Asst Consum Econ 1K B KING PhD Assoc Prof Fam Devlpmt 1MARRITHA LaBOON MS Asst Prof Fam Devlpmt 3LORA M LAINE MSHE Asst Prof Ext Home Econ 1F A LEWIS PhD Assoc Prof Fam Devlpmt 3HONWYN LOWRY EDD Assoc Prof Fam Devlpmt 12DRAM M LAINE MSHE Asst Prof Ext Home Econ 1WINNIE F LUFFMAN MSHE Asst Prof Loth and Text 12CRIS F LUKER MHE Insit Housing and Home Mat 12CRIS F LUKER MHE Insit Housing and Home Mat 12DRAM S Asst Prof Foods 3DORIS M GOLFSRY MSHE Assoc Prof For Home Econ 1D K OSBORN PhD Prof Colld Devlpmt 1Mrs ANNE PARDUE MS Insit For Home Econ 1D K OSBORN PhD Prof Colld Devlpmt 1Mrs ANNE PARDUE MS Insit Ext Home Econ 1D K OSBORN PhD Assoc Prof Nut 1D J PEIFER PhD Assoc Prof Nut 3NANCY B PREAS EdD Asst Prof Ext Home Econ 1D J PEIFER PhD Assoc Prof Nut 3NANCY B PREAS EdD Asst Prof Ext Home Econ 1D LIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Insit Ext Home Econ 1D Mrs CLAROLYM M MITH EdD Asst Prof Child Devlpmt 11OYCE A SPIGELMWER PhD Asst Prof Chi		
##YNELLE JOHNSON MS	-	
18 K B KING PhD Assoc Prof Fam Devlpmt 1MARTHA LaBOON MS Asst Prof Fam Devlpmt 1ALORA M LAINE MSHE Asst Prof Ext Home Econ 1B A LEWIS PhD Assoc Prof Fam Devlpmt 1BHONRYN LOWRY EdD Assoc Prof Ext Home Econ 1WINNIE F LUFFMAN MSHE Asst Prof Cloth and Text 12ECRIS E LUKER MHE Instr Housing and Home Mat 1MAPGARET L MENTYRE MSHE. Insur Ext Home Econ 1MTS CHAPLOTTE M MONEIL MS Instr Foods 12JESSIE J MIZZE PhD Prof and Head of Housing and Home Mgt 1RUTH MOORE MS Asst Prof Foods 12DESSIE J MIZZE PhD Prof and Head of Housing and Home Mgt 1MTS LICAYA P PACIFIC MHE Treng insur Child Devlpmt 1MTS ANNE P ARDUE MS Insur Child Devlpmt 1MTS ANNE P ARDUE MS Insur Child Devlpmt 1MTS ANNE P ARDUE MS Insur Child Devlpmt 1MTS SUZANNE S PARKET MHE Insur Child Devlpmt 1MTS CAROLYN M SMITH EAD Asst Prof Child Devlpmt 1PATSY L SKEEN MS Insur Child Devlpmt 1PATSY L SKEEN MS Insur Child Devlpmt 1PATSY L SKEEN MS Insur Child Devlpmt 1MTS CAROLYN M SMITH EAD Asst Prof Child Devlpmt 1MTS CAROL		
121ACK TAYLOR PhD Prof Apple Peach Dis 31CORA M LAINE MSHE Asst Prof Er Home Econ 18 A LEWIS PhD Assoc Prof Ext Home Econ 18 ALEWIS PhD Assoc Prof Ext Home Econ 19 ANNE PARDUE MS Instr Child Devipmt 19 ALEWIS PhD Assoc Prof Ext Home Econ 10 K OSBORN PhD Prof and Head of Fam Asst State Home Econ Ld: 19 ANNETE BAY MS Instr Ext Home Econ 19 ALEWIS PhD Assoc Prof Ext Home Econ 19 ANNETE BAY MS Instr Ext Home Econ 19 ANNETE BA		
3LORA M LAINE MSHE Asst Prof Ext Home Econ 19 A LEWIS PhD Assoc Prof Fam Devlpmt 3RHONWYN LOWRY EdD Assoc Prof Lixt Home Econ 1WINNIE F LUFFMAN MSHE Asst Prof Cloth and Text 12CORIS E LUKER MHE Instr Housing and Home Mat 12CORIS E LUKER MHE Instr Housing and Home Mat 12CORIS E LUKER MHE Instr Housing and Home Mat 12CORIS E LUKER MHE Instr Housing and Home Mat 12DORIS M OGLESBY MSHE Assoc Frod Fat Home Econ 1Mrs CHAPLOTTE M McNEIL MS Instr Foods 12DORIS M OGLESBY MSHE Assoc Frod Fat Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1J J PEIFER PhD Assoc Prof Nutr 3S ANNEY B PHEAS EdC Asst Prof Lixt Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAU MHE Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAU MHE Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAU MHE Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAU MHE Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Poultr		
12W K WYNN Jr PhD Assoc Prof Physiol WINNIE F LUFFMAN MSHE Asst Prof Cloth and Text 12CCRIS ELUFEMEN ME Insir Housing and Home Mot. 3MAPGARET L MEINTYRE MSHE Insir Ext Home Econ Mins CHAPLOTTE M MENELL MS Insir Foods 12JESSIEJ MIZE PhD Prof and Head of Housing and Home Mgt 1RUTH MOORE MS Asst Prof Foods 3DORIS M OGLESRY MSHE Assoc Prof Fixt Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs ANNE PARDUE MS Insir Child Devlpmt 1Mrs ANNE PARDUE MS Insir Child Devlpmt 1Mrs ANNE PARDUE MS Insir Child Devlpmt 1J J PEIFER PhD Assoc Prof Nutr 3NANCY B PHEAS EdD Asset Prof Fixt Home Econ Asst State Home Econ Ld: 3F ANNETTE BAY MS Insir Fixt Home Econ 1DEVIPM 1PATSY L SKEEN MS Insir Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Cods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 1237C H HENDERSHOTT Jr EhD Pros Head of Dept, and 124K K WYNN Jr PhD Assoc Prof Physiol 124M K WYNN Jr PhD Assoc Prof Physiol 2540 20 P ANDERSON PhD Prof and Lit Poultry Bis Res Ctr (404-542-1904) 5C W BEARD DWN PhD Res Assoc Urrol 5L N DRURY MS Assoc Prof Assoc Prof Poultry Ms Assoc Prof Poultry Sci 15 E WILLIAMS DWN PhD Res Assoc Physiol 16 EV MITCHILLIAN DWN PhD Res Assoc Bact 5H W YODER DWN PhD Res Assoc Prof Poultry Ms Assoc Prof Poultry Ms Assoc Prof Nutr 10 YCE A SPIGELMY PR PhD Asst Prof Child Devlpmt 10 YCE A SPIGELMY PR PhD Asst Prof Child Devlpmt 10 YCE A SPIGELMY PR PhD Asst Prof Ext Poultry Sci 12 L BPISBIN PhD Asst Prof Ext Poultry Sci 13 M Y PENDY MS Asst Prof Ext Poultry Sci 14 M L CWARDS Ir Phi Asst Prof Ext Poultry Sci 15 K MACORE MR Research Center 25 Poultry Ms Assoc Prof Poultry Ms Assoc Prof Poultry Ms Asst Prof Ext Poultry Ms Asst Prof Ext Poultry Sci 16 M	3LORA M LAINE MSHE Asst Prof Ext Home Econ	3S S THOMPSON PhD Asst Prof Ext Plant Path
INTINITE F LUFEMAN MSHE Asst Prof Cloth and Text 12CORIS ELLUKER MHE Instr Housing and Home Mat 3MAPGARET L MINITYRE MSHE. Instr Ext Home Econ 1Mrs CHAPLOTTE M MeNEIL MS Instr Foods 12JESSIE J MIZE PhD Prof and Head of Housing and Home Mgt 1RUTH MOORE MS Asst Prof Foods 3DORIS M OGLESBY MSHE Assoc Prof Fot Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs SUZANNE, 3 PARKFR MHE Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs SUZANNE, 3 PARKFR MHE Instr Child Devlpmt 1Mrs SUZANNE, 3 PARKFR MHE Instr Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof It Home Econ and Asst State Home Econ Ld: 3F ANNETTE BAY MS Instr Child Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1DOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Child Devlpmt 1Mrs CAPOLYN M SMITH EdD Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 121 L RPISBIN PhD Asst Prof Ext Poultry Sci 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 122 M L DAGRAT NET PhI Asst Prof Ext Poultry Sci 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 124 M L EWARDS in PhI Prof Mutr 125 K K HALF PhI Asst Prof Ext Poultry Sci 126 M L EWARDS in PhI Prof Mutr 127 M L EWARDS in PhI Prof Mutr 128 M L ELIZER PhI Prof Nutr 129 M L ELIZER PhI Prof Nutr 121 M L EWARDS in PhI Prof Mutr		
12CRIS F. LUKER M.B. Instr. Housing and Home Mot. 3MAPGARET L. M-FINTYRE M.B.F. Instr. Ext. Home Econ 1Mrs. CAPACLOTTE M. MCNETIL M.S. Instr. Ext. Home Econ 1Mrs. CAPACLOTTE M. MCNETIL M.S. Instr. Ext. Home Econ 1D K. OSBORN Ph.D. Prof. and Head of Housing and Home Mgt 1RUTH MOORE M.S. Asst Prof. Foods 3DCRIS M. GGLESBY M.SHE. Assoc Prof. Fiv. Home Econ 1D K. OSBORN Ph.D. Prof. Child Devipmt 1Mrs. LUGAYA P. PAGUIC M.HE. Teopi Instr. Child Devipmt 1Mrs. SULYANNE. S. PARKER M.HE. Instr. Child Devipmt 1Mrs. CAROLLYN. M.S. Instr. Ext. Home Econ and Asst. State Home Econ L.d: 3F. ANNETTE BAY M.S. Instr. Ext. Home Econ 1Devipmt 1PATSY. L. SKEEN M.S. Instr. Child Devipmt 1DOYCE A. SPIGELMYER Ph.D. Asst. Prof. Child Devipmt 1Mrs. CAROLLYN. M.S. Instr. Child Devipmt 1Mrs. CAROLLYN.		12W K WINN JI Phi. Assoc Proi Physici
IMPS CHAPLOTTE M McNEIL MS Instr Foods 12/JESSE J MIZE PhD Prof and Head of Housing and Home Mgt 1RUTH MOORE MS Asst Prof Foods 3DCRIS M GGLESBY MSHE Assoc Prof Fot Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs LIGAYAP PAGUIC MHE Temp Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs SUZANNE S PARKFR MHE Inchr Child Devlpmt 1J J PEIFER PhD Assoc Prof Nutr 3RANCY B PHEAS EdD Asst Prof Ext Home Econ 1DLIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 121 M BRITTON PhD Asst Prof Ext Poultry Sci 122 M BRITTON PhD Asst Prof Ext Poultry Sci 123 M Y DENLY MS Asst Prof Ext Poultry Sci 124 M BRITTON PhD Asst Prof Ext Poultry Sci 124 M BRITTON PhD Asst Prof Ext Poultry Sci 125 M Y DENLY MS Asst Prof Ext Poultry Sci 126 M BRITTON PhD Asst Prof Ext Poultry Sci 127 M BRITTON PhD Asst Prof Ext Poultry Sci 128 M Y DENLY MS Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTON PhD Asst Prof Ext Poultry Sci 129 M BRITTO	12DORIS FILUKER MHE - Instr Housing and Home Mat	
12JESSIE J MIZE PhD Prof and Head of Housing and Home Mgt 1RUTH MOORE MS Asst Prof Foods 3DORIS M OGLESBY MSHE Assoc Prof I'vt Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1J J PEIFER PhD Assoc Prof I'vt Home Econ 3F ANNETTE BAY MS Instr Ext Home Econ 1D K OSBORN PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 25 W EBARD DVM PhD Res Assoc Clectronic 25 C D GORDON PhD Res Assoc Cenet 25 C D GORDON PhD Res Assoc Cenet 25 C D GORDON PhD Res Assoc Virol 25 H FLEI STEN PhD Asst Prof Foods SH CHILL FILL FILL FILL FILL FILL FILL FILL		· · · · · · · · · · · · · · · · · · ·
1RUTH MOORE MS Asst Prof Foods 3DORIS M. GGLESRY MSHE Assoc Prof Fot Home Econ 1D K OSBORN PhD Prof Child Devlpmt 1Mrs LIGAYA P PAGUIC MHE Temp Instr Child Devlpmt 1Mrs ANNE PARDUE MS Instr Child Devlpmt 1Mrs SUZANNE S PARKER MHE Instr Child Devlpmt 1J J PEIFER PhD Assoc Prof Nutr 3NANCY B PHEAS EdD Asst Prof Ext Home Econ Asst State Home Econ Ld: 3F ANNETTE BAY MS Instr Ext Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 22 EDECCY BB* Assac Canet 5C D GORDON PhD Res Assoc Genet 5C D GORDON PhD Res Assoc Virol 5C R HOPKINS BS Res Assoc Virol 5C D GORDON PhD Res Assoc Virol 5C R HOPKINS BS Res Assoc Virol 5C D GORDON PhD Res Assoc Virol 5C R HOPKINS BS Res Assoc Virol 5C D GORDON PhD Res Assoc Virol 5C D GORDON PhD Asst Prof Poutry Micropolol 5S R HOPKINS BS Res Assoc Virol 5C D GORDON PhD Asst Prof Poutry Micropolol 5S R HOPKINS BS Res Assoc Virol 5E WILLIAM DPD		5C W BEARD DVM PhD Res Assoc Virol
SC D GORDON PhD Res Assoc Genet		
1D K OSBORN PhD Prof Child Devipmt 1Mrs LIGAYA P PAGUIC MHE Temp Instr Child Devipmt 1Mrs ANNE PARDUE MS Instr Child Devipmt 1Mrs ANNE PARRETE MHE Incre Child Devipmt 1J J PEIFER PhD Assoc Prof Nutr 3NANCY B PHEAS EdD Asset Prof Ext Hime Econ and Asst State Home Econ Ld: 3F ANNETTE BAY MS Instr Ext Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devipmt 1PATSY L SKEEN MS Instr Child Devipmt 1DOYCE A SPIGELMYER PhD Asst Prof Child Devipmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devipmt 1Mrs ELIZABETH L WHITE HEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 5S R HOPKINS BS Res Assoc Virol 2C H FLECTION VMD Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Asst Prof Poutry Micropiol 5E W MITCHELL Fill Fill Fill Asst Prof Foods 6F W MITCHELL Fill Fill Fill Fill Asst Prof Foods 7F ANNET Fill Fill Fill Fill Fill Fill Fill Fil		
1Mrs ANNE PARDUE MS Instr Child DevIpmt 1Mrs SUZANNE 3 PARKFR MHF Instr Child DevIpmt 1J J PEIFER PhD Assoc Prof Nutr 3NANCY B PHEAS EdD Asst Prof Fkt Hime Foon and Asst State Home Econ Ld: 3F ANNETTE BAY MS Instr Fxt Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam DevIpmt 1PATSY L SKEEN MS Instr Child DevIpmt 1PATSY L SKEEN MS Instr Child DevIpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child DevIpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 12K K HALF FhL Act Frof Prof Natr 12K K HALF FhL Act Froe Froe 12K K HALF FhL Act Froe 12K K HALF FhL	1D K OSBORN PhD Prof Child Devlpmt	5S R HOPKINS BS Res Assoc Virol
1Mrs SUZANNE, S PARKER MHC Inter Child DevIpmt 1J J PEIFER PhD Assoc Prof Nutr 3NANCY B PHEAS EdD Asst Prof Ext Hime Foon and Asst State Home Econ Ldt: 3F ANNETTE BAY MS Instrict Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam DevIpmt 1PATSY L SKEEN MS Instrict Child DevIpmt 1PATSY L SKEEN MS Instrict Child DevIpmt 1PATSY L SKEEN MS Instrict Child DevIpmt 1DOYCE A SPIGELMYER PhD Asst Prof Child DevIpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instrict Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 12 K C FATTEIGON VMC Res Associand Dr. Southeast Head Of Park Home Asst Prof Nutr SW C FATTEIGON VMC Res Associand Dr. Southeast Head Of Park Home Econ and Dr. Home Econ and Dr. Southeast Park Home Econ and Dr. Home Econ and		·
2N L HACLANI FILTE As or Prof Res Path Asst State Home Econ Ed: 3F ANNETTE BAY MS Input Fixt Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devipmt 1PATSY L SKEEN MS Instr Child Devipmt 1PATSY L SKEEN MS Instr Child Devipmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devipmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 2W L HACLANI FILTEN As or Prof Res Path 5H S SIEGEL PhD Res Assoc Physiol 5J E WILLIAMS DVM PhD Res Assoc Bact 5H W YODER DVM PhD Res Assoc Bact		
Asst State Home Econ Ld: 3F ANNETTE BAY MS Instr Ext Home Econ 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1DOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Herticulture 2510 5H S SIEGEL PhD Res Assoc Physiol 5J E WILLIAMS DVM PhD Res Assoc Bact 5H W YODER DVM PhD Res As		
3F ANNETTE BAY MS Indit Ext Home Boon 1ELIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1PATSY L SKEEN MS Instr Child Devlpmt 1Mrs CAROLYN M SMITH EdD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 5J E WILLIAMS DVM PhD Res Assoc Bact 5H W YODER DVM PhD PhD Asst Prof and Follows 5H W YODER DVM PhD		
DevIpmt 1PATSY L SKEEN MS Instr Child DevIpmt 1Mrs CAROLYN M SMITH EdD Asst Prof Child DevIpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child DevIpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text Horticulture 2510 Poultry Science 12M G McCARTNEY PhD Prof and Head of Dept and Chunn of Div (404-542-1351) 12I L BPISBIN PhD Asst Prof Ecol 12W M BRITTON PhD Asst Prof Nutr 30 W CHARLES PhD Asst Prof Ext Poultry Sci 12H M L DWARDS It Phi Prof Nutr 12H M L DWARDS It Phi Prof Nutr 12H M L DWARDS It Phi Act too Prof Nutr 12K K HALE Phi Act too Proc		5J E WILLIAMS DVM PhD Res Assoc Bact
Poultry Science 1PATSY L SKEEN MS Instr Child Devlpmt 1Mrs CAROLYN M SMITH EdD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 12M G McCARTNEY PhD Prof and Head of Dept and Chinn of Div (404-542-1351) 12I L BRISBIN PhD Asst Prof Ecol 12W M BRITTON PhD Asst Prof Nutr 30 W CHARLES PhD Asst Prof Ext Poultry Sci 12H M L DWARDS It Phi Prof Nutr 12H M L DWARDS It Phi Prof Nutr 12H M L DWARDS It Phi Prof Nutr 12H L PULLER Phi Prof Nutr 12K K HALE Phi Acut Fool Proc		5H W YODER DVM PhD Res Assoc Bact
1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 12W M BRITTON PhD Asst Prof Nutr 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 3M Y DENDY MS Asst Prof Ext Poultry Sci 12H M I DWARDS IT Phi Prof Nutr 12H M I DWARDS IT Phi Prof Nutr 12H M I DWARDS IT Phi Asst Prof Nutr 12H M I DWARDS IT Phi Asst Prof Nutr 12H M I DWARDS IT Phi Asst Prof Nutr	1PATSY L SKEEN MS Instr Child Devlpmt	Poultry Science 2550
3NELLE THRASH BSHE Asst Prof Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 12W M BRITTON PhD Asst Prof Nutr 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 30 W CHARLES PhD Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Prof Nutr 12H M I DWARDS in Phi Prof Nutr 12H M I DWARDS in Phi Prof Nutr 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Prof Nutr 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Prof Nutr 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci 12H M I DWARDS in Phi Asst Prof Ext Poultry Sci	1Mrs CAROLYN M SMITH EdD Asst Prof Child Devlpmt	
3MARY F WHITE MS Instr Ext Home Econ 12W M BRITTON PhD Asst Prof Nutr 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 30 W CHARLES PhD Asst Prof Ext Poultry Sci 12H M L DWARDS in Phi Prof Nutr 12H M L DWARDS in Phi Prof Nutr 12H L DWARDS In Phi Acut Into Proc	·	
1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 3M Y DENDY M3 Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Prof Nutr 12H L DULLER Phi Proi Nutr 1237C H HENDERSHOTT it Phi Prot Head of Dept and 12K K HALE Phi Asst Prof Ext Poultry Sci 12H L DULLER Phi Asst Prof Ext Poultry Sci 12H L DULLER Phi Asst Prof Ext Poultry Sci 12H L DULLER Phi Asst Prof Ext Poultry Sci 12H L DULLER Phi Asst Prof Ext Poultry Sci 12H L DULLER Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci 12H M I DWARDS it Phi Asst Prof Ext Poultry Sci	3MARY F WHITE MS Instr Ext Home Econ	12W M BRITTON PhD Asst Prof Nutr
Horticulture 2510 12H M E BWARDS IT Phil Prof Nutr 12H L FULLER Phil Prof Nutr 1237C H HENDERSHOTT IT Fhil Prot Head of Dept, and 12K K HALF Phil Assistant Proc		
Horticulture 2510 12H L FULLER Ph. Prof Nutr 1237C H HENDERSHOTT Jr - Ph. Prot Head of Dept, and 12K K HALF Ph. Assist From Proc		12H M L EWARDS Ir Phi Prof Nutr
		12H L. FULLER Ph. Prof. Nutr

2550-2580 GEORGIA

Poultry Science-Continued

12BIRKETT HOWARTH Jr PhD Asst Prof Physiol

12T M HUSTON PhD Prof Physiol

2Mrs JOYCE JOHNSON MS Res Asst Parasitol

- 2P H LCWE MS Plant Supt of Southern Regional Poultry Brda Proi
- 5H L MARKS PhD Coord of Southern Regional Poultry Brdg Proj
- 12L R McDCUGALD PhD Asst Parasitol
- 12W M REID Pni) Prof Parasitol
- 3J V SHUTCE PhF Frof Ext Poultry Set
- 12K W WASHBURN PhD Assoc Prof Genet
- 3H E WILDEY PhD Asst Prof Ext Poultry Sci

Veterinary Medicine, College of

2560

- 1R B TALBOT DVM PhD Dean and Dir Inst Compar Med (404-542-3461)
- 1L E McDONALD DVM PhD Assec Dean and Assoc Dir Instr Compar Med
- II. E CRAWFORD DVM PhD Assoc Dean Academic Affairs
- 1M E. ADSIT DVM. Assoc Prof Med and Surg (Large Anım Chin)
- 1H 3 AH DVM PhD Res Assoc Vet Diag Lab (Tifton)
- IR E BAPRETT EVM Prof Med and Surg (Radiol)
 16 F BEADLE DVM Res Assoc Physiol and Pharmacol
- 1T J BELL Jr DVM PhD Prof and Head Vet Anat and Histol (ICM)
- 1MADHU B BHALLA MBBS Res Assoc Anat and Histo:
- 1W D BLACK DVM MS Instr Physiol and Pharmacol
 1D M BLACKMON DVM Assoc Prof Vet Med and Surg (Large Anim Clin) (ICM)
- IC B BLAIR Jr PhD Assoc Prof Vet Anat and Histol (Anat) (ICM)
- 1J M BOWEN DVM PhD Prof Vet Physiol and Pharmacol (Pharmacol) (ICM)
- 1JOHN BROWN DVM PhD Asst Prof Med Microbiol (ICM)
- 1J O BRICK DVM Asst Prof Med and Sura (Lat Anim Mr.d)
- 1L A HHUCE MS Instr Physiol and Phrimacol
- 7W O CASTER PhP Assoc Prof Vet Physiol and Pharmacol (Physiol) (ICM)
- 1E W CAUSEY DVM Assoc Prof Vet Med and Surg (Small Anim Clin)
- 1% L CHAPMAN EVM MS Asst Prof Vet Path and Parasitol (Path) (ICM)
- 7M J CORMIER PhD Prof Biochem
- 1L M CRAWFORD DVM MS Instr Asst Dean Physiol and Pharmacol
- 1H B DAVIS WM Asst Prof Med and Sura (Avian Med)
- IF BLAWF DW PhL Asst Prof Med Microbiol (ICM)
 3C N DOBBINS Jr DVM Assoc Prof Ext Vet
 1) H LUNCAN LVM PhL Prc: Path and Parasitol
 7L S DURE PhD Asst Prof Biochem (ICM)

- 7F G EAGON PhD Assoc Prof Med Microbiol (ICM)
- IJ FOENS DVM Asisoc Pro: Med and Surg (Large Anim Clin)
- 1A B FEW DVM PhD $\,$ Asst Prof Vet Anat and Histol (Histol) (ICM)
- IC J FLETCHER DVM PhD Asst Pro: Path and Parasitol
- 1W C FOLEY PhD Assec Prof Physiol and Pharmacol 1J W FOSTER PhD Prof Med Microbiol (ICM)
- 1D 1. GOETBOH DVM PhD Prof and Head Lept Physiol and Pharmacol
- 1P T GOLDSTON DVM BS Inetr Anat and Histol 12J B GRATZEK DVM PhD Prot and Head Dept Med
- Microbiol
- IN B GUILL CUD DVM PhD Assoc Prot Med and Surg (Lab Anım Med)
- 7M K HAMDY PhD Prof Microbiol
- 1% L HANSON PhD Assoc Froi Path and Parasitol
- 11 A HAYES LVM MS Prof Path and Parasitol (Parasitol) (1CM)
- 1P E HOFFMAN DVM | Prof Med and Surg (Equine Clin)
- 7H B HOWE PhD Assoc Prof Microbiol (ICM)
 1T L HUBER PhD Assoc Prof Physiol and Pharmacol
- 7F P INMAN THE Asst Prof Microrice. 113 HIBPARE BA Res Assoc Path and Parasitol

Veterinary Medicine, College of-Continued

- 10 H JONES DVM PnD Asst Prof Vet Diag Lab (Tifton) 1T J JONES DVM PhD Prof Vet Med and Surg
- 1J W JUDY DVM PhD Prof and Head of Dept of Med and Sura
- 1STEVEN KNELLER DVM Instr Med and Surg (Padiol) 1WALTER KORNS ILLE DVM PhD Assoc Prof Physiol and Phannacol (Physiol) (ICM)
- 1S S KPEUZ DVM. Assoc Prof Vet Med and Surg (Large Anim Clin)
- 16: LEMENTAM MS From Meaning Jane (Brainer) 18: LET UVM Hes Aproc Enymetal and Pharmacol
- 1P D LUKERT DVM Phf Assoc Prof Med Microbiol (ICM)
- 1). ElMcLONALD I VM FhL. Assic , can of Vet Col and Inst Compar Med
- 1J P M McGRATH MVB | Re: Assoc Fath and Parasital
- 7R A McRORIE PhD Prof Biochem (ICM)
 1J T MERCER DVM Assoc Prof Vet Med Cont Educ
- 1F E MITCHELL DVM MS Prof and Head Vet Diag Lab Tifton (ICM)
- 1H C MORGAN DVM MS Assoc Prof Vet Path and Parasitol (Clin Path) (ICM)
- IJ D MORION I VM Prof Med and Sura (Large Anim Chn?
- IC J MULKr Y D.M Instr Med and Surg (Small Anim
- 1J F MUNNELL TOM MS Asst Prof Anat and Histol
- 1J F CLIVER DVM PhD Assoc Prof Med and Surg (Small Anim Clin)
- 11 M OYLER DVM PhD Asst Prof Prysiol and Pharmaco
- 12H K PAGE DVV MD. Asst Prof Med and Surg (Avian Med)
- 7M J FAYNT, PhI Prof and Head Microbiol (ICM)
 7H G PECK PhD Prof and Head Biochem (ICM)
- 1J C PECKHAM DVM PhD Assoc Prof Vet Diagnostic Lab (Tifton) (Path) (ICM)

- 71 L. PHIFER Ent. Assoc Prof Nutr 7THCMAS POWELL DVM Asst Prof Ext Vet 1A REURSELL BS Instr Vet Didd Lab (Tifton)
- $1\mathrm{H}^{-}\mathrm{I}^{-}\mathrm{HOBE}$ HSCN LVM. Res Asson Fatin and Parasitol
- 71 L ROTH Phl. Assoc Prof Micropic L
- 1L T SANGSTER DVM Instr Vet Diag Lab (Tifton)
- 1W I SCHALL DVM MS Asst Prof Med and Surg (Small Anim Clin)
- 1E B SHOTTS Jr PnD Assoc Prof Mcd Microbiol (ICM)
- 7H E SIEGEL Ph.D Assoc Prof USLA Res Physiol
- 1DENNIS SIKES DVM PhD Prof Path and Parasitol
- 1A J STATTLEMAN Res Assoc Vet Physiol and Pharmacol (ICM)
- 1W M STONE MS Instr Vet Diag Lab (Tifton)
 1LFIGH M STROVILL IVM Res Assoc Anat and Histol
 1P E THOMPSON DVM PhD Prof Path and Parasitol
- 1J G THOPNE I VM Instr Med and Sura (Large Anim Chn)
- 1J T TUMLIN DVM MS Assoc Prof Med Microbiol (Avian Med) (ICM)
- 1D E TYLER DVM Ph.D. Prof And Head Vet Path and Parasitol (ICM)
- 1W P VAN ESELTINE PhD Prof Med Microbiol (ICM)
- 7STANLEY VEZEY DVM Assoc Prof Ext Vet
- 1CLIFFO AD WESTERFIELD DVM MSA Prof Vet Anat an Histol
- 1D J WILLIAMS L'VM MJ Assoc Prof Med and Surg (Large Anim Clin) (ICM)

- 1D M WITHERSPOON DVM PhD Prof Med and Sura (Large Anim Clin) (ICM)
- 1R E WOOLEY DVM PhD Asst Prof Med Microbiol

Miscellaneous

2570

1R E RUSSELL MALS Asst Prof and Sci Libr 1FLORRIE B JACKSON MALS | Asst Prof and Ref Libr

Branch Experiment Stations

Americus Plant Materials Center (PO Americus 31709)

- 2J D POWELL BS Supt and Asst Prof Agron
- Ga Mt Br Sta (PO Blairsville 30512)
 - 2) E BAILEY BS Supt and Prof Hort Vea Crops

2580

GEORGIA

Branch Experiment Stations - Continued	Entomology-Fisheries 2	2640
2J W DOBSON Jr MS Asst Prof Agron Forage Crops	12T D CANERDAY PhD Assoc Prof and Head of Dept	
2C D FISHER MS Asst Prof Agron Forage Crops	25D J BARRAS PhD Ent and Collab Biol Control	
Northwest Ga Br Sta (PO Calhoun 30701)	25M C BOWMAN BS Res Chem Ins Residues	
2D D HAYES BS Supt and Assoc Prof Agron Crop Mgt	12R B CHALFANT PhD Asst Prof Veg Ins Control	
2N W CAMERON MS Asst Proj Ldr and Instr Dairy Sci	2J H GIRARDEAU Jr MS Asst Prof Tob Ins Control	
2H L DORTON BS Asst Proj Ldr and Instr Anim Husb	25J J HAMM MS Ent Ins Path	
2E E WORLEY MS Asst Supt and Asst Prof Agr Econ	2T K HILL PhD Asst Prof Fisheries Biol	
Central Ga Br Sta (PO Rte 2 Eatonton 31024)	25R L JONES PhD Ent Ins Physiol	
2G V CALVERT BS Supt and Asst Prof Anim Husb	25D B LEUCK MS Ent Ins Residues	
2W A GRIFFEY MS Asst Prof Anim Husb	25W J LEWIS PhD Ent Parasites and Predators	
2A B HARRIS Jr BS Instr For	25W W McMILLIAN MS Ent Ins Biol	
Southeast Ga Br Sta (PO Midville 30441)	25J M McWILLIAMS MS Res Ent Soil Ins	
20 L BROOKS BS Supt and Assoc Prof Agron	2L W MORGAN MS Asst Prof Peanut Ins Control	
2C E PERRY MS Asst Supt and Asst Prof Agr Econ	25W DPERKINS BS Ent Insect Rearing	
Southwest Ga Br Sta (PO Plains 31780)	2S G POLLES PhD Asst Prof Pecan Ins Control	
2R B MOSS MS Supt and Asst Prof Agr Econ	25L M REDLINGER MS Ent Stored Grains	
2W J ETHREDGE MS Asst Supt and Asst Prof Agron	25A A SEKUL PhD Bio-Chem Ins Agts	
	25J W SNOW PhD Ent Ins Ecol	
Georgia Coastal Plain Experiment Station, Tifton	25A N SPARKS PhD Ent and Dir Sou Grain Ins Lab	
31794 (912-382-5561)	2J W TODD MS Asst Prof Soybean Ins	
	25N W WIDSTROM PhD Genet	
1College Staff 2Station Staff 5Coop USDA	25B a WISEMAN PhD Res Ent Host Plant Resistance	
6Other Govt Agency 7Miscellaneous	25J R YOUNG PhD Ent Ins Toxicol	
	•	
2590		650
2F P KING PhD Asst Dir Expt Sta and Resident Dir	2S A HARMON PhD Prof and Head of Dept	
CPES (912-382-5561	2W T BRIGHTWELL PhD Prof Fruits	
	2C G DEL VALLE PhD Asst Prof Veg	
	25N C GLAZE PhD Res Plant Physiol Chem Weed	
Agronomy 2600	Control	
2C F DOUGLAS PhD Prof and Head of Dept	2D A HEGWOOD PhD Asst Prof Veg	
2S H BAKER MS Instr Cotton	25C A JAWORSKI PhD Res Soil Sci	
125G W BURTON PhD Genet Grass Brdg	2R E WORLEY PhD Asst Prof Fruits and Nuts	
2R L CARTER MS Prof Soils		
25H G CUTLER PhD Plant Physiol Tob	Plant Pathology 26	570
25C C DOWLER PhD Res Agron Chem Weed Control	2R H LITTRELL PhD Asst Prof and Head of Dept	
25IAN FORBES PhD Res Agron Legumes	2D K BELL PhD Asst Prof Peanuts	
2T F GAINES BS Res Asst Tob Chem	2B L DOUPNIK PhD Asst Prof Mycotoxins.	
2B A GOLDEN BS Res Asst Tob	2P D DUKES PhD Assoc Prof Tob	
125R O HAMMONS PhD Genet Peanuts	25J D GAY PhD Res Plant Path Veg Virol	
125E W HAUSER PhD Res Agron Chem Weed Control	25D L GILL PhD Plant Path Omam	
7J G JENKINS Agron Cotton	25A W JOHNSON PhD Nematol	
2W H MARCHANT BS Asst Prof Forages	25N A MINTON PhD Nematol	
25J D MILES MS Agron Tobacco	12E K SOBERS PhD Assoc Prof Tob and Peanuts	
25W G MONSON PhD Res Agron Grass Brdg	2D R SUMNER PhD Asst Prof Veg	
12D D MOREY PhD Prof Small Grains	25H D WELLS PhD Plant Path Grasses and Legumes	
2S A PARHAM BS Prof Field Crops		
2M B PARKER MS Asst Prof Soil Chem	Miscellaneous 26	590
25J B POWELL PhD Genet Grass Brdg	2F. J. CONOLY BSAE Plant Supt	
25MICHAFL STEPHENSON BS Agron Tob	2E F MATTHEWS Senior Acct	
2M E WALKER MS Asst Prof Plant Nutr	25 A E McCLAIN BS Admin Off	
	26B H QUATTLEBAUM Met (Coop USDC)	
Animal Science 2620		700
12W C McCORMICK PhD Prof and Head of Dept	Shade Tobacco Substa (PO Attapulgus)	
2H D CHAPMAN PhD Asst Prof Beef Cattle Brdg	2E J GIBSON MS Supt and Plant Path	
2T M CLYBURN BS Asst Prof Beef and Swine (P O		
Reidsville)	Georgia Agricultural Experiment Station, Experi-	
25G T FINCHER PhD Zool Swine Parasitol	ment 30212 (Teleg and exp address, Griffin) (404-227-9471)
20 M HALE PhD Prof Swine Nutr		
2J E HOGG BS Res Asst Dairy Cattle (PO Reidsville)	2Station Staff 5Coop USDA 6Coop USI	C
2J C JOHNSON PhD Assoc Prof Dairy		
25F E KNOX BS Chem Nutr		10
25C E L EWIS MS Range Sci	2C R JACKSON PhD Asst Dir Expt Sta and Resident	Di
25T B STFWART PhD Zool Swine Parasitol 2P R UTLEY PhD Asst Prof Cattle Nutr	Ga Sta (404-227-9471 Ext 2 01)	
A TOTAL FIND ASSI PIOI CALLE NUIT	Agronomy 27	20
	25 V STACY MS Prof and Head of Dept	¥U
Engineering (Agr) 2630	20 E ANDERSON PhD Prof Soil Sci	
2J L SHEPHERD BS Prof and Head of Dept	2F C BOSWELL PhD Assoc Prof Soil Chem	
25 L BUTLER PhD Agr Engin Peanuts and Forage	2R E BURNS PhD Assoc Prof Plant Physiol Turf	
2W C HAMMONE MS Asst Prof Tob	2D G CUMMINS PhD Assoc Prof Crop Prod	
25W W HARE BS Agr Engin Form Mach	2W S HARDCASTLE PhD Asst Prof Chem Weed Contr	nl
25E A HARRELL MS Agr Engin Farm Mach	2H B HARRIS PhD Assoc Prof Soybean and Sorghum	~.
25R F HELLWIG BS Agr Engin Forgge Pelleting	Brdr	
2J R STANSELL BS Asst Prof Peanuts and Cotton	2R M HARRISON PhD Asst Prof Soil Chem	
25J M TROEGER PhD Agr Engin Peanuts	25B S HAWKINS MS Res Agron Cotton Brdr	
2B I. TYSON MS Asst Prof Hort Crops	2M D JELLUM PhD Assoc Prof Corn Brdg	
251 WILLIAMS MS - Aar Engin Peanuts and Forage	2B J JOHNSON MS Asst Prof Crop Prod	

Agrenomy-Continued 2L S JONES BS Asst Prof Soil Chem	Regional Primary Plant Introduction Station (PO Experiment) 2820
2J P NEWTON BS Asst Prof Turf	(PO Experiment) 2820 25W R LANGFORD PhD Coord Pasture & Forage
25H A PEACOCK PhD Res Agron Cotton Brdr	Crops
2A E SMITH Jr PhD Asst Prof Chem Weed Control	2W L CORLEY MS Asst Prof Hort Crops
2R E WILKINSON PhD Assoc Prof Chem Weed Control	2J H MASSEY PhD Asst Prof Field Crops
	25GROVER SOWELL Jr PhD Plant Path Mycol
Animal Science 2730	
2M E McCULLOUGH MS Prof Anim Nutr and Head of Dept	U S Dept of Commerce Weather Bureau (PO Experiment) 2830
20 V BAIRD PhD Assoc Prof Anim Sci	26F L CROSBY BS Agr Met
25HONORICO CIORDIA PhD Parasitol	
2W E NEVILLE Jr PhD Assoc Prof Anim Brdr	Miscellaneous 2850
20 E SELL PhD Prof Pasture and Anim Husb	2JULIA GRANT BBA Senior Acct
2L R SISK BS Asst Prof Dairy Sci	2Mrs EDNA H OLSON MS Asst Prof Libr
2W W G SMART Jr PhD Prof and Chem	2Mrs BETTY Z ROBERTS Admin Secy
Economics (Agr) 2755	The Fort Valley State College, Fort Valley 31030
2N M PENNY PhD Prof Mktg and Head of Dept	(Main tel 912-825-8281)
2J in ALLISON Phil Assoc Prof Prod	1College Staff 5Coop USDA
2R F ANDERSON MS Asst Prof Mktg	
2D H CARLEY PhD Assoc Prof Mktg	2870
2J C ELROD MS Prof Prod & Data Proc	<pre>1W W E BLANCHET PhD Pres (912-825-8281)</pre>
2K E FORD MS Assoc Prof Mktg	
2W W HARPER MS Assoc Prof Agr Policy	Agriculture 2880
2G C LANCE MS Instr Mktg and Prod	1C L ELLISON PhD Prof Agron and Chmn of Div
2D W PARVIN Jr PhD Asst Prof Mktg Data Proc	(912-825-8281 Ext 220)
2J C PURCELL PhD Prof Mkt Demand 2ROBERT RAUNIKAR PhD Assoc Prof Mkt Demand	Agricultural Education 2881
2B J SMITH PhD Assoc Prof Dairy Mktg	1J O WILLIAMS MS Instr Agr Educ
and a switting induced from bodily wiking	13 O WILLIAM WO THOU AND LOUG
Engineering (Agr) 2760	Agricultural Engineering 2882
2J G FUTRAL BS Assoc Prof Power Mach and Head of	1M E SINGLETON MS Asst Prof Agr Engin
Dept	
2H M FULLILOVE III hS Instr Power Mach	Animal Science 2883
2J T REID MS Asst Prof Power Mach	1R K ABE PhD Assoc Prof Dairying
2B P VERMA PhD Asst Prof Power Macn	5JAMES BYROM BS Res Chem
Entemology ' 2770	IGETTER HUGGINS MS Asst Prof Poultry Husb
Entomology ' 2770 2C M BECKHAM PhD Prof and Head of Dept	1F C OBIOHA PhD Assoc Prof Anim Sci
2MINTER DUPREE Asst Prof Peaches	Plant Science 2884
2E L SNODDY PhD Asst Prof Livestock and Recr	1C L ELLISON PhD Prof Agron
2H H TIPPINS PhD Assoc Prof Ornam	1M C BLOUNT MS Asst Prof Agron
	1C B BROWN PhD Assoc Prof Chem
Food Science 2780	11 J CRUMBLY PhD Assoc Prof Bot
2A L SHEWFELT PhD Prof and Head of Dept	1S F RAHMAN PhD Assoc Prof Agron
2T S BOGGESS MS Assoc Prof Food Sci	1HOUSTON STALLWORTH PhD Prof Hort
2S R CECIL MS Prof Food Sci	
2J R CHIPLEY PhD Asst Prof Food Sci	Home Economics 2890
2E K HEATON MS Assoc Prof Food Sci	ILILLA ROBINSON PhD Assoc Prof Home Econ Educ
2D R LANDES PhD Asst Prof Food Sci	and Chmn of Div
2K C LI PhD Assoc Prof Food Sci 2Mrs KAY H McWATTERS MS Asst Food Sci	1Miss DOROTHY N BURNS MS Asst Prof Home Econ 1Miss BERTHA M GIBSON MS Asst Prof Home Econ
2JOSEPHINE MILLER BS Assoc Prof Biochem	1Mrs GLADYS I, GRACE MS Asst Prof Home Econ
2R E WORTHINGTON PhD Asst Prof Biochem	1Miss SIMMIE M JONES MS Instr Home Econ
2C T YOUNG MS Instr Food Chem	1Mrs BARBARA B MOORE MS Instr Home Econ
	1Mrs GLADYCE C SAMPSON MS Assoc Prof Home
	Econ Educ and Acta Chmn of Div
Herticulture and Forestry 2810	1T N R VARMA PhD Assoc Prof Nutr
2B B ERANTLEY PhD Prof Hort and Head of Dept	
2J W DANIELL PhD Asst Prof Fruit Crops	
2T S DAVIS BS Asst Prof Ornam	HAWAII
2A F DEMPSEY PhD Prof Veg Crops	Callian affirmed at Auto to the Auto to Auto to Auto
2T A FRETZ PhD Asst Prof Ornam 2R P LANE PhD Asst Prof Fruit Crops	College of Tropical Agriculture, the Agricultural Ex-
2A J PERTUIT Jr PhD Asst Prof Ornam	periment Station and the Agricultural Extension Service of the University of Hawaii, Honolulu 96822 (Main tel 808-
2E F SAVAGE PhD Prof Pomol	944-8111)

1College Staff 2Station Staff 3Extension Staff 41 cave of Algence SCoop USDA 9A-TR, M-S Program

2900

1HARLAN CLEVELAND AB Pres of Univ 1R S TAKASAKI MA MPA Exec Vice Pres 1S M BROWN Jr PhD Vice Pres for Acad Affairs Plant Pathology 2815 2J T WALKER PhD Assoc Plant Path and Head of Dept G M ARMSTRONG PhD Res Assoc Mrs JOANNE K ARMSTRONG PhD Res Assoc 2W A CHANDLER PhD Asst Prof Peach Dis 2J W DEMSKI PhD Asst Prof Plant Virol 2D V PHILLIPS PhD Asst Prof Plant Path 2D H SMITH PhD Asst Prof Plant Path Econ (Tel 808-944-8234)

2W L STORY Jr BSAE Maint Engin and Head of Dept

2812

Plant Operations

1W W PARSON MS Vice Pres for Bus Affairs
1H B MELENDY PhD Vice Pres for Community Colleges 1K K LAU LLM Vice Pres and Secy 1239C P WILSON PhD Dean of Col of Tropical Agr Dir of Agr Expt Sta Dir of Agr Ext Serv Senior Prof Agr

12L D SWINDALE PhD Assoc Dir of Agr Expt Sta Prof Soil Mineral (Tel 808-944-8231)

12SHOSUKE GOTO PhD Asst Dean of Col of Tropical Agr Assoc Prof Plant Path (Tel 808-944-8340)

123Mrs HAZEL V KRAEMER PhD Asst Dean of Col of Tropical Agr Prof Human Devlpmt (Tel 808-944-

3D N GOODELL, MS Assoc Dir of Agr Ext Serv (Tel 808-944-8228)

1WYTZE GORTER PhD Dir of Res

Agronomy and Soil Science

2910

123W G SANFORD PhD Prof Agron and Chmn of Dept (Tel 808-944-8330)

12D P BARTHOLOMEW PhD Asst Prof Crop Mgt

12P C EKERN PhD Prof Soil Phys

12S A EL-SWAIFY PhD Assoc Prof Soil Salin and Phys

12R L FOX PhD Prof Soil Chem

12R E GREEN PhD Assoc Prof Soil Phys

12HARUYOSHI IKAWA PhD Asst Prof Soil Genesis and Classif

12YOSHINORI KANEHIRO PhD Prof Soil Chem and Fert 12B L KOCH PhD Asst Prof Biochem-Microbiol

3CLARENCE LYMAN MS Spec in Pasture Mgt

234W W McCALL PhD Spec in Soil Mgt

12D L PLUCKNETT PhD Prof Crop and Soil Mgt and Supt

12P P RCTAR PhD Assoc Prof Plant Brdg

12J A SILVA PhD Asst Prof Soil Fert and Chem 12Y N TAMIMI PhD Assoc Prof Soil Fert

12J R THOMPSON PhD Assoc Prof Crop Mgt and Supt

2R S UCHIDA BS Junior Res

12GORO UEHARA PhD Prof Soil Phys

124UKIO URATA PhD Asst Prof Plant Brdg

23R T WATANABE BS Junior Spec in Soil Sci

12A S WHITNEY PhD Asst Prof Pasture Mgt

12H Y YOUNG MS Assoc Prof Anal Chem

Animal Sciences

2920

123R W STANLEY PhD Prof Anim Sci and Chmn of Dept (Tel 808-944-8356)

2J L BALL MS Res Assoc

12C C BROOKS PhD Prof Anim Sci

2C M CAMPBELL PhD Asst Anim Sci

3H R DONOHO PhD Spec in Livestock Mgt 12R B HERRICK PhD Assoc Prof Poultry Sci

2ELODIE B HO-A BS Asst in Anim Sci

2D W HUCK BS Asst in Anim Sci 13W I HUGH PhD State and Area Swine Spec

2S M ISHIZAKI MS Junior Anal

13J H KOSHI PhD State and Area Dairy Spec

2J M L MEE MS Res Assoc

13A Y MIYAHARA DVM Ext Vet 12R M NAKAMURA PhD Assoc Anim Sci

3J C NOLAN Jr PhD Assoc Spec Anim Husb 12A L PALAFOX PhD Asst Prof Poultry Sci

2DIEDRICH REIMER PhD Assoc Prof Anim Sci

12ERNEST ROSS PhD Prof Poultry Sci

1M B SMITH DVM Lect

2D M SUMIDA BS Asst in Anim Sci

3TOKUSHI TANAKA MS Assoc State Spec in Poultry Sci

12D W VOGT PhD Assoc Anim Sci

12OLIVER WAYMAN PhD Prof Anim Sci

2G F ZIMMER BS Asst in Anim Sci

Biochemistry

2930

12J W HYLIN PhD Prof Biochem and Chmn of Dept (Tel 808-944-8352)

12ARTHUR BEVENUE BS Assoc Anal Chem

2GS KASAOKA BA Asst in Biochem 2YOSHIHIKO KAWANO MS Asst Anal Chem

2T W KELLEY BS Asst in Biochem

12HIROMU MATSUMOTO PhD Prof Brochem

2J N OGATA BS Junior Anal Chem

2M M SYED MS Asst in Biochem

12C S TANG PhD Asst Prof Biochem

2Mrs JANIS K TEICHMAN BS Asst in Biochem

2MAYME WALTERS BA Asst in Biochem

Economics (Agr)

2940

123HEINZ SPIELMANN PhD Prof Agr Econ and Actg Chmn of Dept (Tel 808-944-8239)

12R N ANDERSON PhD Asst Prof Agr Econ

1H L BAKER PhD Lect and Land Econ

13J R BOYERMS Assoc Agr Econ 2R J BUGHI BS Asst in Agr Econ

124J R DAVIDSON PhD Prof Agr Econ

3S M DOUE MA Assoc Agr Econ 15KARL GERTEL PhD Coop Agt Resource Econ

12CHEMMAT COPALAKRI HOLD PAIN Assoc Prof Agr Econ

3H M HIROSHIGE MA Assoc Agr Econ

13J T ISHIDA PhD Prof Agr Mktg
12J T KEELER MS Assoc Prof Agr Econ
12A B LARSON PhD Prof Agr Econ
123W G MARDERS PhD Prof Rural Soc

124P F PHILIPP PhD Prof Agr Econ 12B M RENAUD PhD Assoc Prof Agr Econ

2R L ROOT BS Asst in Agr Econ

12F S SCOTT Jr PhD Prof Agr Econ

1P P WALLRABENSTEIN PhD Lect and Agr Statis

2R Y WATADA MA Asst in Agr Econ

3ROKURO YAMAGUCHI MS Assoc Agr Econ 12HIROSHI YAMAUCHI PhD Asst Prof Agr Econ

Engineering (Agr)

2950

123J K WANG PhD Prof Agr Engin Harvesting and Proc Equip Soil Dynamics and Chmn of Dept (Tel 808-944-8354)

13H M GITLIN MS Assoc Spec Agr Engin

1H Y HUANG BS Grad Asst

123E B HUNDTOFT PhD Assoc Prof Engin Harvesting Equip

123D M KINCH PhD Prof Agr Engin

2W T KIRSCHBAUM Tech
12TUNG LIANG PhD Asst Agr Engin Oper Res

SG E MONROE MS Agr Engin Coffee Harvesting Equip

5A L MYERS MS Agr Engin Coffee Harvesting Equip 12M R SMITH PhD Assoc Prof Agr Mach

2P N WALKER BS Asst in Agr Engin

12I P WU PhD Asst Prof Agr Engin Irrig Engin

Entomology

2960

123TOSHIYUKI NISHIDA PhD Prof Ecol and Actg Chmn of Dept (Tel 808-944-8432)

12J W BEARDSLEY PhD Assoc Prof Taxon and Biol Control

12H A BESS PhD Senior Prof Biol Control

12FRANKLIN CHANG PhD Asst Prof Ins Physiol

123F H HARAMOTO PhD Assoc Prof Acarol 12D E HARDY PhD Senior Prof Med Ent Taxon

2S Y HIGA BA Asst in Ent

23A A LAPLANTE PhD Assoc Spec in Ent 124W C MITCHELL PhD Prof Econ Ent

12RYOJI NAMBA PhD Prof Virus Transmission and Morphol

2BANPOT NAPOMPETH MS Asst in Ent

12MARTIN SHERMAN PhD Prof Toxicol

12MINORU TAMASHIRO PhD Assoc Prof Ins Path

2D M TSUDA BA Asst in Ent

2J R YATES III MS Asst in Ent

2970

Extension Service

3BLAINE BRADSHAW MS Assoc Spec Community Devlpmt

3Mrs JEAN AGUTIERRES MA Assoc Spec in Training and Commun

3S H C KAM MS Junior Spec Commun

34G M NAKASATO MS County Agt Supvr 3J Y SHIGETA MS Supvr of 4-H Club Work

3Mrs BETTY Z SHIMABUKURO MS Assoc State Ldr 4-H Youth

3F G TEHO BS Asst Spec of Vis Aids

3DORIS E WETTERS PhD Asst Dir Human Resources Devlomt

3Mrs DORIS S SMITH MS Assoc Spec Expanded Nutr

HAWAII-IDAHO 2975-3060

Fashion Design, Textiles, and Merchandising 2975
123\Ms Chera F HERBICK MC Acad Prof Servinsi Acta Human Development-Continued 12 1 1 2 2 4 4 4 1 Prof. For Ipm.t
1.WITHONY LENGER PhD - Assoc Prof. Human Devlpmt Cr.mn of Dept (Tel 808-944-8353) 1Mrs GLCRIAS FURER MEd Asst Prof Fashion Design 1Mr. CONNIE W MEREDITH MA Asst Prof Human 3Mrs PHYLLIS A McOMBER MS Spec in Cloth Devlr . IMES MARY DITROXELL MS Assoc Prof Merchandising 12Mrs SYLV'A Y SCHWITTERS MA Asst Prof Human 10MA UMBEL MS Prof Cletin Dev.pm. 23Mr.: SHIRLEY S WEEKS PhD Spec Human Devlpmt 12BARBARA A WALKER MS Asst Prof Cloth Mr. FLICABETH P WITTERMANS PhD Assoc Prof 2978 Food and Nutritional Sciences 123 (CBEAT MAN REED, Pr.L. Prof. and Climatof Dept., 161 808-944-6236) Eucor Pacient 3030 Plant Pathology 1Mrs MARY L CHING ME Asst Prof Foods 1230 V. HOL LIMANI, PHD. Assoc Prof Nematol and Chmn or For [7:1:608-944-8329]

12M.N. ARA AND Foll Assoc From Engal Dis

1231 W BUDDI NHAGEN PhD Prof Bact Dis 12DORIS M HILKER PhD Assoc Prof Sutr I Kei Krai Leni Herai Lau 3KATHRYN J ORR MS Spec Nutr
12Mr (d. UPP' L.L. + STAND AT FEL - Active From Nutr
1D D WAGGOTT B3 - Instrict Food Serv Admin
1EARLINE WEDDLE MS - Assoc Prof. Frod
12Mrs NAO S WENKAM MS - Asst Prof. Nutr 12 J E HUNTER PhI) Asst Prof Viral and Tropical Crop 1234MAMORU ISHII Pal - Assoc Prof Viral Dis 12. H. K. Fin Art Error Soul-Borne Tu 123F F LAEMMLEN PhD Asst Fxt Spec Path 12FRANKLIN YOUNG PhD Assoc Prof Nutr 13A P MARTINEZ BS Assoc Ext Spec Fath 123D S MEREDITH Fith Assoc Prof Epidemiol Food Science and Technology 123R E MOSER MS Prof and Actg Crinin of Dent (Tel 808-12: A FAMIL Finit - Acade From Holds-Faluncie Envictol 1234F - All All Finit - Acade Foot In Infection Lis 944-8663) 5) E BREKKE MS Affil Food Technol 23 CATHERINE G CAVALETTO MS Asst Prof Sensory 3040 Plant Physiology 12N P KEFFORD PhD Prof Bot Plant Devlpmt and 5H THAN IT PhD Affil Association Technol 12H A FRANK PLD Prot Food Martebiol Chmr. of Flept (Tel 808-944-8384) 12E H AKAMATAN MS Prof Hort Post Harvest Physiol
2VIN.CH: 4WALA AN Assoc Papay (National Devlpmt
2 Life of the American Act Plant Front et 12F S HING PRE Assoc Prof Floor Technol 12J H MCY PbF Asst Prof Flood Engin 2Y Y D WANG BS Asst in Food Sci 12H F SLEMM NTS Fild - Senior Prof Emer Sugarcane 12H Y YAMAMOTO PhD Prof Food Brocher Physiol 12/3 J COO!L PhD Prof Bot Plant Jutr and Devlpmt 2T T S GCO BS / sst in Post Harvest Physiol Home Economics 1G.L. HOTCHKIN MBA - Asst Frei Food and Nutr and 2Mic MASHODA HIURANI MS - Junior Plant Anat and Act; Churn of Dept (1el 808-944-7295)

3. FAMARA MARSUM ON MARS ON Consum Mo.pr.cl 2 All 11 '--- r 12': --- 1 Ther (CV TMCM) — Abot in Flori Finysiol The RAM (CMC From Floring) Meighol and $\mathbf{3} \in \{0,1\}^{n+1}$, then the notice $\mathbf{m}(t) = \mathbf{M}^{n}$ and force 3000 Horticulture 123 : APT YUKI KAMENT, 10 Fig. Hert me (ben of Dept (Tel 808-944-8353) 2Mr. MARGARET I. WEHLING MS - Junior Plant Anal 2NENGAH WIRAWAN BS - Asstin Plant Ecol 12J L BREWBAKER PhD Prof Plant Genet 2 J 5-44 (HA) ANASEI P. A. a. in Bent Elsi 2J T CHINN MS Junior Hort Veg 3050 Branch Stations and Experimental Farms 23 1 CHINN MB Julion Not Veg
28 A CHILEY PhD Abost Prof Ornar
29 14 CHINNA 3A MC Above to the Dupt
121 C GILBERT PhD Prof Veg
128 A HAMILTON PhD Prof Pruits Hawaii Br Sta PO Hilo (Hawaii) 2J h THOMPSON FnD Supt 2KUN DERMIE Four Mgr 2SAM NUHA - Famr Mgr 12R W PARTMANN Phi Assoc Prof Veg 23 141 2 141 H AKIMO Tuna, Add Int Maur Hr (Ha PO Walakoa (Maur) 1MARCHERITH W.L. HU BS. Took Abet Hort 24: J.T.C. Phil. Abet Prof. Fronts 2KAZUC MURAKAMI Farm Mgr Kona ir Sta PO Mealakekua (Mawan) 28 T. FUKUMANA M. Aar Supt 21 T KUNISAKI MS Junior Hort Flor 1201 MURDOCH PhD Acce Prof Turf 2YOSOTO EGAMI Farm Mgr 3"(UK) NAKACAWA BS Per Ven 12/19 1 48.4. TME. 167 Feb. Trust 12F K. M. HIMOTO Ph. Asst Prof Herk Veg Phys 2 Fig. 12 Feb. And Forton Jupt. 124 MAIC SAGAWA FRO Prof Cytol Poamohe Elxpt Farm PO Watalua (Oahu) 2NOBORU KANDA Fan: Mgr 3h T SAKUOKA MS Gera Spec Ver.
21 T JEKIOKA GER Asstruct Flor
25 D GHIFFER ES Asstruct Flor
23G T SHIGEURA MS Assoc Hort and Area Spec Municipalo Expt Fam PO Waimanalo (Odiu) 2F. S. AKT - Fam Mar Fruits IDAHO 2J S TANAKAMS Asst Hort Veg

2H R TOXOPEUS BS Asst in Hort Fruits

3W Y J YEE MA Assoc Spec Fruits

12' 3 ALL FN Pr) Prof Human Deelpunt

Human Development

12R M WARNER PhD Prof Fruits
13D P WARSON PhD Prof and Hort Spec Ornam

3010
123 3 7 * 1.17.57 to From purpose dependent und inch of 1 byt (Tol 808-944-7231)

23Mrs HIAN MIRABGO MSW Asst Prof Human Devlomt

College of Agriculture and the Agricultural Experiment Station of the University of Idaho, Moscow 83843 (Main tel-208-882-3511)

1 College Ctaff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

123F W HARTING FOLL From Colonia 2016-rank-3511 Fot

ır W	STARK PhD	Dean Grad Sch and Coord of Res
	(208-882-3511	Ext 6243)

123J E KRAUS PhD Dean of Col of Agr Dir of Sta Dir of Ext Prof (208-882-3511 Ext 6151)

1D A MARSHALL PhD Assoc Dean of Col of Agr Prof (208-882-3511 Ext 6151)

2R D ENSIGN PhD Assoc Dir of Sta Res Prof (208-882-3511 Ext 6483)

3J L GRAVES MS Assoc Dir of Ext (208-882-3511 Ext 6241)

12D O EVERSON PhD Prof Expt Sta Statis (208-882-3511 Ext 6517)

1J W WATTS BS Bus Mgr (208-882-3511 Ext 6174) 12M L DeWITT VS Form Supt (208-882-3511 Ext 6560)

Animal Industries

123A M MULLINS PnD Prof and Head of Dept (208-882-3511 Ext 6345)

127 D BELL PhD Prof Range Nutr 12R C BULL PhD Asst Prof Anim Nutr

12R E CHRISTIAN PhD Prof Anim Genet

3G W CLEVELAND BS Ext Dairyman (PO Boise)

23J J DAHMEN PhD Res Prof Anim Genet (PO Caldwell)

12J M DAVIS BS Instr Meats

5S K ERCANBRACK PhD Collab Anim Genet (PO Dubois)

3E A FIEZ MS Area Ext Dairy Spec (PO Caldwell)

2K R FREDERIKSEN MS Assoc Res Prof Anim Nutr (PO Dubois)

12G W GIBSON PS Instr Swine

123M L HEMSTROM MS Ext Anim Sci Assoc Prof

12C W HODGSON PhD Assoc Prof Beef Cattle

5C V HULET PhD Collab Anim Genet (PO Dubois)

124C F PETERSEN MS Prof Poultry Nutr

5D A PRICE PhD Dir Anim Sci (PO Dubois)

124R H ROSS PLD Prof Dairy Nutr

12R G SASSER PhD Asst Prof Dairy Nutr

2F. A SAUTER In PhD. Assoc Res Prof Poultry Prod.

12S E SLYTER MS Instr Beef Cattle

2D L THACKER MS Asst Res Prof Dairy Nutr (PO Caldwell)

3W G WELLS BS Ext Anim Sci (PO Boise)

5L O WILSON BS Collab Wool (PO Dubois)

12D E WOODRUFF BS Instr Dairy Mat

3080

12C M GILMOUR PhD Prof and Head of Dept (208-882-3511 Ext 6255)

12G R ANDERSON PhD Prof Soil Microbiol

12S M BECK PhD Assoc Prof Bact Physiol
12A J LINGG FhD Asst Frot Microbiol Genet Anim Biol
12G W TERESA PhD Assoc Prof Soil Microbiol

Biochemistry and Soils (Agr) 3090

12A C WIESE PhD Prof and Head of Dept (208-882-3511 Ext 6201)

2J A L AUGUSTIN PhD Assoc Res Prof Food Qual (PO Aberdeen)

12M A FOSBERG PhD Assoc Prof Soil Classif

5D L GALLUP MS Collab (PO Boise)
123R W HARDER MS Assoc Prof Soil Mgt

5H L HARRIS BS Collab Plant Mater (PO Aberdeen)
12J P JONES PhD Assoc Prof Plant Nutr

12D J LeTOURNEAU PhD Prof Plant Biochem

12G C LEWIS PhD Prof Soil Chem

2R E Mcl CLD PhD Asst Res Prof Soils (PO Aberdeen)
12D V NAYLOR PhD Asst Prof Soil Chem

2C G PAINTER MS Assoc Res Prof Plant Nutr (PO Panna)

23F P PARKS MS Res Assoc Soil Chem
23W L THIESSI'N MS Asst Res Prof Ext Soils Spec (PO

Twin Falls)

2R M WISE BS Assoc Res Prof Cereal Chem (PO Aberdeen)

Economics (Agr)

12W E FOLZ PhD Frof and Head of Dept (208-882-3511 Ext 6558)

12J A ARAJI PhD Asst Prof Mktg

2F B GCDFBEY MS Asst Res Prof Agr For

Economics (Agr)—Continued

12J R HAMILTON PhD Asst Prof Prod Econ 3V D KENNEDY MS Ext Farm Mgt Spec (PO Boise)

12K H LINDEBORG PhD Prof Prod Econ

12R B LONG PhD Assoc Prof Resource Econ

12G E MAROUSEK PhD Assoc Prof Livestock Mktg 1E L MICHAELSON PhD Assoc Prof Resource Econ

3R L SARGENT PhD Ext Agr Econ

5L V SUMMERS PhD Collab Mktg

12R V WITHERS PhD Assoc Prof Form Mgt

Education (Agr)

3120

1D L KINDSCHY EdD Prof and Head of Dept (208-882-3511 Ext 6358)

1J G CVANCARA PhD Assoc Prof 1R C HAYNES MS Assoc Prof

Engineering (Agr)

3130

124G L COREY PhD Prof and Head of Dept (208-882-3511 Ext 6182)

12D W FITZSIMMONS MS Assoc Prof Irrig and Acting Head of Dept

1G L BLOOMSBURG PhD Prof Hydrol

12J E DIXON MS Assoc Prof Farm Structures

2L F JOHNSON MS Assoc Res Prof Potato Mech (PO Aberdeen)

3D C LARSEN BS Ext Irrig (PO Boise)
12J W MARTIN MS Prof Power and Mach

2G M McMASTER MS Assoc Res Prof Irrig (PO Aberdeen)

2W L MODEN Jr MS Assoc Res Prof Power Mach 12M P MOLNAU PhD Asst Prof Hydrol

3R T TAYLOR ES Ext Agr Engin

12L G WILLIAMS MS Assoc Prof Power Mach

2D W WORKS MS Assoc Res Prof Farm Elec

Entomology 3140

12A R GITTINS PhD Prof and Head of Dept (208-882-3511 Ext 6595)

12W F BARR PhD Prof Taxon

12G W BISHOP PhD Prof Ins Control 12MA BRUSVEN PhD Asst Prof Toxon

2G P CARPENTER PhD Asst Res Prof Ins Control (PO Aberdeen)

5K E EVANS BS Collab (PO Twin Falls)

12L E O'KEEFFE PhD Asst Prof Ins Physiol

5W E PEAY MS Collab (PO Twin Falls)

3R W PORTMAN MS Ext Ent 1J A SCHENK PhD Assoc Prof For Ent

2D P SCOTT MS Asst Res Prof Ins Control (PO Parma)
12H W SMITH PhD Assoc Prof Ins Physiol

3D W S SUTHERLAND PhD Ext Ent (PO Twin Falls)

2N D WATERS PhD Asst Res Prof Ins Control (PO Parma)

Extension Administration

3150

123J E KRAUS PhD Dir (208-882-3511 Ext 6151)

3J L GRAVES MS Assoc Dir

3R E BLACK MAg Dist Ext Agt Supvr 3T J CHESTER BS Dist Ext Agt Supvr (PO Pocatello)

3G B HALL MS Dist Ext Agt Supvr (PO Boise)

3Mrs DOROTHY SHOLE MS Asst State 4-H Club Ldr

3M E JOHNSON MS State 4-H Club Ldr

3F E KOHL PhD State Spec Prg Ldr (PO Boise)

3BLAINE LINFORD BS Dist Ext Agt Supvr (PO Twin Falls)

13G E McPROUD MS Ext Studies Spec

3CM THOMAS BS Asst State 4-H Club Ldr 3Mrs LUCIA L WILSON BS State Home Econ Ldr Rural Devlpmt (PO Boise)

Food Science

12J L BARNHART PhD Assoc Prof Dairy Prods Acting Head of Dept (208-882-3511 Ext 6455)

12J D HUBER MS Instr Res Assoc Dairy Prods 12J E MONTOURE PhD Assoc Prof Dairy Prods

12PAUL MUNETA PhD Assoc Prof Food Technol 2E A SAUTER Jr PhD Assoc Res Prof Poultry Prod

3V H BURLISON BS Ext For (208-882-3511 Ext 6356)

3165-3234

IDAHO Home Economics (Ext) 3165 **Veterinary Science-Continued** 3Mrs MARY LEE WOODBS Ext Cloth Spec (PO Boise)
3WILLMA SHRYACK MHE Ext Home Furn Spec 2H W VAUGHN DVM Rec Assco Vot Med 2D G WALDHALM PhD Assoc Res Prof Vet Microbiol 3Mrs ESTHER H WILSON MS Ext Nutr (PO Caldwell) 2A S C WARD BS Res Assoc Microbiol 3170 Home Economics Research 2MARY V ZAEHRINGER PhD Res Prof and Head of **Branch Stations** 3230 Dept (208-882-3511 Ext 6259) Aberdeen ZMrs HELEN H CUNNINGHAM MS Asst Res Prof 2E W OWENS PhD Supt Res Prof Hort (208-397-4181) Foods and Nutr Caldwell 2Mrs KAREN R DAVISMS Asst Res Prof Foods and 23J J DAHMEN PhD Supt Res Prof Anim Sci (208-459-1614) Parma Information (Agr) 3180 2D F FRANKLIN MS Supt Res Prof Hort (208-722-5186) 123J L JOHNSON MEx Assoc Prof and Head of Dept (208-Sandpoint 882-3511 Ext 6533) 2J A BENSON MS Res Ass∞ (208-263-2323) 3C G D'EASUM BA Asst Ext Ed (PO Boise) Tetonia (PO St Anthony) 2H C McKAY MS Supt and Res Prof Agron (208-624-23M W STELLMON BA Asst Prof Expt Sta Ed 7780) Plant Sciences 3190 2B A McCALLUM MS Asst Res Prof Agron 12A M FINLEY PhD Prof and Head of Dept (208-882-Twin Falls (PO Kimberly) 3511 Ext 6274) 23M J LeBARON MS Supt Assoc Res Prof Agron (208-2J A BENSON MS Res Assoc Crop Prod (PO 423-5352) Sandpoint 12A A BOE PhD Asst Prof Hort Physiol College of Forestry, Wildlife and Range Sciences 2R H CALLIHAN MS Asst Res Prof Hort Potato (PO and Forest, Wildlife and Range Experiment Station of the Aberdeen) University of Idaho, Moscow 83843 (Main tel 208-882-3511) 2C E DALLIMORE MS Asst Res Prof Plant Path Nematodes 2J R DAVIS PhD Asst Res Prof Plant Path Potato 1College Staff 2Station Staff 4Leave of Absence 5Coop USDA (PO Aberdeen) 6Coop USDI 9A-TR, M-S Program 2L L DEAN PhD Res Prof Plant Path Bean Dis (PO Twin Falls) 12L C ERICKSON PhD Prof Weeds 3232 123H S FENWICK PhD Assoc Res Prof Ext Plant Path 12E W HARTUNG PhD Pres of Univ (208-882-3511 2R F FOLEY PhD Assoc Res Prof Hort Veg Crops Ext 6365) (PO Parma) 129E W WOHLETZMS Dean of Col of For Dir of FWR Expt 3J G GARNER BS Area Ext Potato Spec Sta (208-882-3511 Ext 6307) (PO Blackfoot)
12J W GUTHRIE PhD Prof Plant Viruses 12E W TISDALE PhD Assoc Dir FWR Expt Sta and Prof (Range Mgt) (202-882-3511 Ext 6171) 12A W HELTON PhD Prof Fruit Dis 12R H SEALE PhD Assoc Dean and Prof For Econ 12R D ADAMS MS Asst Prof Wood Util 12H R ALDEN PhD Assoc Prof Recreution 3R E HIGGINS MS Ext Agron (PO Twin Falls) 3A S HORN MS Ext Hort (PO Boise) 12D M HUBER PhD Assoc Prof Plant Path 12D E AULERICH MS Asst Prof For Mgt 12G H BELT PhD Assoc Prof Watershed Mgt 2W J KOCHAN PhD Res Prof Hort Pomol (PO Parma) 12E G BIZEAU MS Asst Prof Wildlife Mgt 2J J KOLAR PhD Assoc Res Prof Agron Forage Crops 126T C BJORNN PhD Assoc Prof Fish Mgt (PO Kimberly) 123G A MURRAY PhD Asst Res Prof Agron Farm Crops 126D W CHAPMAN PhD Ldr Coop Fish Unit and Prof 23R E OHMS PhD Assoc Res Prof Ext Potato Spec (PO Fish Mat 12M E DETERS PhD Prof For Mgt
12C M FALTER PhD Asst Prof Fish Mgt Twin Falls) 5J J PAVEK PhD Collab Potato Genet (PO Aberdeen) 2W K POPE PhD Res Prof Agron Genet 12MINORU HIRONAKA PhD Assoc Prof Range Mgt 12J R RIDLEY PhD Asst Prof Crops Physiol 124A D HOFSTRAND MS Asst Prof Wood Util 3F. M RINEBOLD BS Area Ext Potato Spec (PO Burley)
2R R ROMANKO PhD Assoc Res Prof Plant Path Hop 126M G HORNOCKER PhD Ldr Coop Wildlife Res Unit and Assoc Prof Wildlife Mgt Dis (PO Parma) 12J P HOWE PhD Prof Wood Util 3H B ROYLANCE MS Ext Agron (PO Boise) 12K E HUNGERFORD PhD | Prof Wildlife Mgt 12C I SEELY MS Prof Weeds 12F D JOHNSON MS Assoc Prof For Mgt 2W R SIMPSON MS Assoc Res Prof Plant Path Veg 12L M JONES MS Instr For Mgt Crops (PO Parma) 12R R KNIGHT PhD Assoc Prof Wildlife Mgt 12A E SLINKARD PhD Assoc Prof Forage Crops 12HOWARD LOEWENSTEIN PhD Prof Fcr Soils 2W C SPARKS MS Res Prof Hort Potato (PO Aberdeen) 2G F STALLKNECHT PhD Asst Res Prof Hort Potato 12CRAIG MACPHEE PhD Prof Fish Mgt 12A D PARTRIDGE PhD Prof For Path (PO Aberdeen) 12F H PITKIN MS Assoc Prof For Mgt SD W SUNDERMAN PhD Collab Wheat Brdg (PO 12J A SCHENK PhD Assoc Prof For Ent Aberdeen) 12L A SHARP PhD Prof Range Mgt 2P J TORRELL MS Assoc Res Prof Agron Weeds 12K M SOWLES BS Asst Prof For Mgt

(PO Parma)

Aberdeen)

882-3511 Ext 6430)

(PO Caldwell)

Veterinary Science

3A J WALZ PhD Area Ext Potato Spec (PO Caldwell)

5DARRELL WESENBERG Collab Cereal Genet (PO

12F W FRANK DVM PhD Prof and Head of Dept (208-

2W A MEINERSHAGEN BS Res Assoc Path and Hyg

12W B ARDREY PhD Prof Vet Microbiol
12J W BAILEY DVM Assoc Prof Path and Hyg

23R F HALL DVM Asst Res Prof Ext Vet

12R D WATSON PhD Assoc Prof Veg Dis

12C W WANG PhD Frof For Genet

3234

USDA Forestry Sciences Laboratory 5R T BINGHAM MS Dir Rep (208-882-3557) 5NEDAVIA BETHLAHMY PhD Res For 5JE BRICKELL BS Res For **5**R J BOYD Jr MF Res Silvic **5**R E DENTON MS Res Ent 5G H DIETSCHMANN MF Res For 5M W FOILES BS Res For 5M M FURNISS MS Ent 5A E HARVEY PhD Res Plant Path 5H F HAUPT MS For Hyd

3234-3250

USDA Forestry Sciences Laboratory-Continued

5R J HOFF Jr PhD Res Genet

5R D HUNGERFORD BS Res For

5C D LEAPHART PhD Res Plant Path

5M A MARSDEN BS Statis

5N E MARTIN MS Res Plant Path

5G I McDONALD PhD Res Plant Path

SG E REHFELDT PhD Res For

5R F SCHMITZ MS Ent 5A R STAGE PhD Res For

5R J STEINHOFF PhD Genet

5R I WASHBURN MS Ent

5E F WICKER PhD Res For

5K C WISE BS Res Tech 5J Y WOO MS Res Tech

ILLINOIS

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Illinois. Urbana 61801 (Main tel 217-333-1000)

1College Staff 2Station Staff 3Extension Staff

4Leave of Absence 5Coop USFA 9A-TR, M-S Program

3240

123D D HENRY PhD LLD Pres of Univ (217-333-3070) 123J W PELTASON PhD Chanc of Urbana Campus of Univ Univ (217-333-6290)

1230 G BENTLEY PhD Dean of Col of Agr (217-353-0460)

1K E GARDNER PhD Dir of Resident Instrand Assoc Dean of Col of Agr (217-333-3380)

1C D SMITH MS Asst Dean of Col of Agr (217-333-3380)

IW K WESSELS EdM Asst Dean of Col of Agr (217-333-3380)

29G W SALISBURY PhD Dir of Sta and Assoc Dean of Cal of Agr (217-333-0240)

 12R J MILL ER PhD
 Asst Dir (217-333-0241)

 2D B BAULING MS
 Asst to Dir of Sta (217-333-0242)

23R J WEBB MS Asst Dir of Sta and Supt Ext Prog at Dixon Springs Agr Center (618-949-2101)

123W D BUDDEMEIER PhD Dir Internatl Agr Prog and Assoc Dean of Col of Agr (217-333-6420)

12E R LENG PhD Asst Dir Internatl Agr Prog (217-333-6420)

3J B CLAAR PhD Dir of Coop Ext Serv and Assoc Dean of Col of Agr (217-333-2660)

13% A BOUSLOG MS Asst to the Dir of Coop Ext Serv (217-333-2660)

3MARTHA L DUNLAP PhD Asst Dir of Coop Ext (217-333-0520)

3E E GOLDEN PhD Assoc Prof and Asst Dir

3M S WILLIAMS PhD Assoc Dir o: Coop Ext Serv (217-333-2664)

2DANIEL ALPERT PhD Dean of Grad Col (217-333-0034)

123H O FARBER CPA MA Comptroller and Vice Pres (217-333-2400)

3250 Agronomy

123M D THORNE PhD Prof and Head of Dept

2C M BROWN PhD Prof Plant Brdg Small Grains and Assoc Head of Dept

34S R ALDRICH PhD Prof Soil Fert Ext

12D E ALEXANDER PhD Prof Plant Genet Com

2J D ALEXANDER MS Asst Prof Pedol

12A H BEAVERS PhD Prof Soil Mineral
15R L BERNARD PhD Prof Plant Brdg Soybeans

12C W BOAST PhD Asst Prof Soil Phys

23L V BCONF. BS Agron
12J S BOYER PhD Assoc Prof Crop Physiol
20 C BRAIDS PhD Asst Prof Soil Organic Chem

2D R BROWNING MA Assoc Agron (PO Carbondale)

1A W BURGER PhD Prof Crop Prod Forages

5H W BUSCH BS Collab Soil Conserv

12S G CARMER PhD Assoc Prof Biomet

Agronomy-Continued

23C G CHAMBLISS PhD Agron (PO Mucomb)

23A TCHRISTIANSEN PhD Asst Prof Soil Fert (PO Effingnam)

5F I COLLINS AM Collab Plant Chem Soybeans
15R L CCCPER PhD Asker Prof Plant Brdg and Genet
12J M J DE WET PhD Prof Plant Cytogenet

2JETULI ON ME Asuoc Agron

12; WOULLEY Ent Prot Plant Genet Corn

2E B EARLEY PhD Prof Plant Physiol

12J B FEHRENBACHER Ph.) Prof Pedol

12H F FISHER Phil) Aust Prof I crest Soils

2L E GARD MS Assoc Prof Soil Conserv (PO Dixon (aranga

12J E GIESEKING PhD Prof Soil Chem

2J R GINGRICH PhD Assoc Prof Soil Sci (India)

23D W GRAFFIS PhD Assoc Prof Forage Crops Ext

12H H HADLEY PhD Prof Plant Genet Soybeans 12R H HAGEMAN PhD Prof Plant Physiol

12J B HANSON PhD Prof Plant Physiol 12J R HARLAN PhD Prof Plant Genet

15J D HARPER PnD Acct Frof Plant Prysion 12J J HASSETT PhD Acst Prof Soils

178 THE TERRAN Foll A. cockrot Amon

2TI HINESLY PnL Asst Prof Soil Evol 12C N HITTLE PnD Prof Flant Brde: orages (India)

2THEODORE HYMOWITZ PhD Asst Prof Plant Genet

12J A 'ACKOPO PhD Prof Crop Prod Lorages
12RT, JONES PhD Assoc Prof Soil Mineral and Ecol

2R L JUDSON MS Assoc Agron (PO Elwood)

26R W JUGENHEIMER PhD Prof Plant Genet

12J B KELLY MS Agron

23E L KNAKE Ph.D. Prof Weed Sci Ext.
12D E KOEPPE Ph.D. Asst Prof Plant Physiol.

12L T KURTZ PhD Prof Soil Fert

2H J LAMBERT Phl: Assoc Prof Plant Genet Corn

5R K LAWSON MS Collab Soil Conserv

12E R LENG PhD Prof Plant Brag and Genet Corn

2E C MARCUSIU MS Assoc Agron

13M D McGLAMERY PhD Assoc Prof Weed Sct Ext

23G E McKIBBEN MS Assoc Prof Crop Prod (PO Dixon Springs)

12S W MELSTED PhD Prof Soil Chem

12D A MILLER PhD Assoc Prof Plant Brdg and Genet

12R I MILLE & Pail. Prof Soil Phys Chem

15R J MILLINGTON PhD Prof Soil Phys

23D E MILLIS MS Assoc Agron (PO Carbondale)

2J E MOLINA PhD Asst Prof Soil Microbiol

MULVANEY BS Amon JEC Marseilles) 23.

12R TODELL PhD Prof Pedol (Sierra Leone)
15W I. GGAR N PhD Acut Pt : Plant Physiol Soybeans
23M G OLDHAM MS Agron

23W R OSCHWALD PhD Assuc Pro: Soil Classif Ext

2E B PATTERSON PhD Asst Prof Plant Genet Com

23T R PECK PhD Assoc Frof Soil Chem Ext

12J W PENDLETON PhD Prof Crop Prod and Soil Fert 5E R PERRIER MS Collab Soil Phys

150 B FETTERS Ph.T. Prot Sort Phys.

2B W RAY MS Assoc Prof Pedol

15H & RINNE En. AcsorFromPlant Physiol Soybeans

2G L BOSS BS Act Agron

12E C A RUNGE PhD Assoc Prof Soil Classif

3W C SCOTT PhD Prof Crops Ext

12B L AHF HAL From Frome 12F W SLIFE PhD Prof Weed Sci

12F J STEVENSON PhD Prof Soil Chem

15E W STOLLER Phi AsstFire Plant Physiol 5M RSWANCON MS Collab Biomet

5L E TYLER MS Collab Pedal 12E H TYLER FAT For London

5G O WALKER MS | Callab Pedol | 123W M WALKER PhD | Associated Bromet and Data Proc

15L M WAX Ph! Asst Froi Meed Son

15EVELYN J WEBER PhL Asst Prof Plant Physiol Corn

123R O WEIBEL MS Assoc Prof Plant Brdg Small Grains

123L F AELCH PhL Prof Soil Pert

12J M WIDHOLM PhD Asst Prof Plant Physiol

150 M W.L.SON PhD A. 650 Fred Plant Physiol Corn 15J T WOOT LEY EnD A. . . o Fred Plant Physiol

ILLINOIS 3260-3280

Animal Science 3260 Dairy Science-Continued 123DE BECKER PhD Prof and Head of Dept (217-333-12J R LODGE PhD Prof Physiol 1045) 12E E ORMISTON PhD Prof Dairy Husb (India) 12JOSEPH KASTELIC PhD Prof and Assoc Head of Dept 12J L ROBINSON PhD Asst Prof Biochem 12S L SPAHR PhD Assoc Prof Dairy Sci 12M J WOLIN PhD Prof Microbiol 12W W ALBERT PhD Asst Prof Ruminants and Horses 2L A AREHART MS Asst Anim Sci Ruminants (PO Simpson) 12D H BAKER PhD Assoc Prof Nutr 2E M BANKS PhD Prof Anim Sci Economics (Agr) 3280 10 G BENTLEY PhD Prof Anim Sci 123R L FELTNER PhD Prof and Head of Dept 12W DBOSTON MS Spec Anim Sci (PO Sierra Leone) 12C B BAKER PhD Prof Form Mgt 12D J BRAY PhD Prof Anim Sci
2H W BROWN MS Asst Anim Sci Swine
12J H BYERS PhD Adv Anim Sci (PO India) 1R P BENTZ PhD Assoc Prof Agr Mktg
5J H BERRY PhD Collab Agr Econ 13C A BOCK JD Asst Prof Agr Law 3G R CARLISLE MS Prof Livestock Swine 12G K BRINEGAR PhD Prof Mktg 2MEI YAO CHENG MS Asst Physiol 12E E BROADBENT PhD Prof Livestock Mktg 2G F CMARIK MS Asst Prof Ruminants (PO Simpson)
2BRIAN COOK PhD Asst Prof Physiol 123B L BROOKS PhD Prof Agr Mktg IW D BUDDEMEIER PhD Prof Farm Mat 12S E CURTIS PhD Asst Prof Environ Physiol 5C W DAVISON MS Collab Aar Econ 12B B DCANE MS Assoc Anim. Sci Ruminants
12P J DZIUK PhD Prof Physiol 12FOLKE DOVRING PhD Prof Land Econ
12Mrs JEAN M DUE PhD Prof Agr Econ 2MARJORIE EDMAN MS Res Assoc Nutr Biochem 3G M ENGLAND MS Prof Food Mktg 2MOHAMED EL-FOULY PhD Res Assoc Physiol 34D E ERICKSON PhD Ass∞c Prof Farm Mgt 12R M FORBES PhD Prof Nutr Biochem 12L P FETTIG PhD Assoc Prof Agr Outlook and Policy 2C D O FOSTER PhD Asst Prof Biochem and Rural Devipmt 12U SGARRIGUS PhD Prof Anim Sci 2F C FLIEGEL PhD Prof Rural Sociol 2Mrs JEAN W GRABER PhD Res Asst Prof Physiol 123J W GRUEBELE PhD Assoc Prof Dairy Mktg 2R N HANKES BS Asst Anim Sci Meats 123H D GUITHER PhD Assoc Prof Agr Policy 124H G HALCROW PhD Prof Agr Econ 12B G HAPMON PhD Assoc Prof Nutr 12E E HATFIELD PhD Prof Ruminant Nutr 1H W HANNAH BS LLB Prof Agr Law 12FC HINDS PhD Assoc Prof Ruminant Nutr 13A G HARMS PhD Assoc Prof Farm Mgt
1J H HERBST PhD Assoc Prof Farm Mgt
12R W HERDT PhD Asst Prof Agr Econ 2D L HIXON MS Asst Anim Sci Ruminants 12A H JENSEN PhD Prof Anim Sci 12D E JOHNSON PhD Asst Prof Ruminant Nutr
3H S JOHNSON PhD Assoc Prof Poultry
12G A LEVEILLE PhD Prof Nutr Biochem 12T A HIERONYMUS PhD Prof Grain Mkta 12L D HILL PhD Assoc Prof Mktg 23R A HINTON PhD Assoc Prof Farm Mgt
13J M HOLCOMB MS Prof Farm Mgt and Finance 2J M LEWIS MS Assoc Prot Ruminants (PO Simpson) 12G G JUDGE PhD Prof Mktg and Prices and Statis
12G L KARR PhD Asst Prof Agr Econ 2C T LIU MS Asst Swine 2T G LOHMAN PhD Asst Prof Meats Sci 4S P MISTRY PhD Prof Nutr Biochem 12E D KELLOGG PhD Asst Prof Agr Econ 124A V NALBANDOV PhD Prof Physiol 12R A KELLY PhD Prof Fruit and Veg Mktg 12H W NORTON PhD Prof Statis Design and Anal 12F N OWENS PhD Asst Prof Nutr 3R P KESLERMS Assoc Prof Farm Mgt 3M B KIRTLEY PhD Assoc Prof Livestock Mktg
12N G P KRAUSZ JD Prof Agr Law 12B A RASMUSEN PhD Prof Genet
3G F. RICKETTS PhD Assoc Prof Livestock Sheep
3S F. RIDLEN MS Prof Poultry
12R M. ROBSON PhD Asst Prof Muscle Biol
123J R. ROMANS PhD Asst Prof Meats Sci 12R M LEUTHOLD PhD Asst Prof Agr Mktg and Policy 5D A LINS MS Collab Agr Econ 5N RMARTIN MS Collab Agr Econ 123A GMUELLER PhD Prof Farm Mgt 2DALE ROMSOS PhD Res Assoc Nutr Biochem 12R J MUTTI PhD Prof Agr Mktq 2RD ROWLAND MS Assoc Anim Sci Poultry
3H G RUSSELL MS Prof Livestock 5J B PENSON MS Collab Agr Econ 3J A QUINN MS Assoc Prof Community Planning 2STANISLAWA STOKLOSOWA PhD Res Assoc Physiol 1E H REGNIER DR Prof Rural Recreation 3R J WEBB MS Prof Anim Sci (PO Simpson) 123F J REISS PhD Prof Farm Mgt and Land Econ 3B A WEICHENTHAL PhD Asst Prof Livestock Beef 13R R RENNE PhD Prof Land Econ (India) Cattle 12J R ROUSH PhD Assoc Prof Egg and Poultry Mktg 2Mrs JOYCE WILEY PhD Res Assoc Nutr Biochem 3E L SAUER PhD Prof Rural Devlomt 12S C SCHMIDT PhD Prof Mktg and Policy 2D M WOODS BS Asst Anim Sci Swine 12N A WORKER PhD Spec Anim Sci (PO Sierra Leone) 23R B SCHWART PhD Assoc Prof Farm Mgt 3H J SCHWEITZER PnD Assoc Prof Rural Sociol 12J T SCOTT Jr PhD Assoc Prof Farm Mat and Prod Dairy Science 3270 Econ 12W D SEITZ PhD Asst Prof Mktg
3L H SIMERL MS Prof Agr Outlook and Policy 123K E HARSHBARGER PhD Prof and Head of Dept (217-333-3462) 12D E BAUMAN PhD Asst Prof Nutr 3F M'SIMS MS Assoc Prof Farm Mgt 12R E BROWN PhD Prof Nutr 12M P BRYANT PhD Prof Microbiol 5L GSLFIGHT MS Collab Agr Econ 2D G SMITH MS Assoc Prof Farm Mgt 12J H BYERS PhD Assoc Prof Nutr (India) 12A J SOFRANKO PhD Asst Prof Rural Sociol 3J G CASH MS Prof and Ext Spec 12R G F SPITZE PhD Prof Agr Policy 2J H CLARK PhD Asst Prof Nutr 3L F STICE BS Prof Grain Mktg 12C L DAVIS PhD Prof Nutr 12E R SWANSON PhD Prof Farm Mgt and Prod Econ 2L JUL!A DOUGLAS PhD Res Assoc Microbiol 2TAKASHI TAKAYAMA PhD Prof Mktg Prices and 3L R FRYMAN MS Prof and Ext Spec Statis 2D L GARNER PhD Res Assoc Physiol 12C N GRAVES PhD Assoc Prof Physiol 12W N THOMPSON PhD Prof Farm Mgt and Policy 15R N VAN ARSDALL PhD Prof Form Mgt 12MICHAEL GROSSMAN PhD Asst Prof Genet 124J C VAN ES PhD Asst Prof Rural Sociol 3G W HARPESTAD MS Assoc Prof and Ext Spec 12R L HAYS PhD Prof Physiol 124M M WAGNER PhD Assoc Prof Econ Devlpmt (India)

3R V JOHNSON MS Assoc Prof and Ext Spec 12K A KENDALL PhD Prof Nutr

12B L LARSON PhD Prof Biol Chem

IV I WEST PhD Prof Prices and Statis

3D F WILKEN MS Ass∞ Prof Farm Mgt 124S W WILLIAMS PhD Prof Dairy Mktg (India) 2J DWOELFEL PhD Asst Prof Rural Sociol

ILLINOIS 3290~3330

3290 Editorial

BULLETINS AND CIRCULARS

23A W JANES MA Assoc Prof and Head 23VIKTORS GEISLERS MA Instrand Asst Pubs Ed 2R G MOORES MA Asst Prof and Pubs Ed 2P W REXROAT MS Instr and Asst Pubs Ed 23MARGERY E SUHRE MA Assoc Prof and Pubs Ed

AGRICULTURAL COMMUNICATIONS

123HADLEY REAL MS Prof and Head of Dept and Asst Dir of Coop Ext Serv

12J H BEHRENS MS Assoc Prof (India)
123G E BEVARD BS Asst Prof and Commun Spec

3V L BRAZLE MS Asst Prof and Vis Spec

3D TDAHL MS Asst Prof and Commun Spec

3J W DAVIS BFA Graphics Spec

3Mrs CAROLYN R EVANS BFA Instr and Graphics Spec

123J F EVANS PhD Assoc Prof

3J C EVERLY PhD Assoc Prof

3Mrs HELEN Z FRY BS Asst Prof and Commun Spec

3Mrs KAY J GUEQUIERRE BS Commun Spec

1Mrs DIXIE S JACKSON MS Asst Prof

3Mrs HELEN B KLAVITER BA Commun Spec

123D A LIERMAN BS Instrand Vis Spec
3W G ROCKWOOD BS Instrand Commun Spec

2R N SALCEDO PhD Asst Prof

3C W SCHERER MS Asst Prof and Commun Spec

3R E SCHERER BS Instrand Radio Spec

3E A STANLEY BA Instr and Commun Spec
3E W VERNON EdD Asst Prof and Commun Spec

3R A WOODIS MS Instrand Commun Spec

3300 Engineering (Agr)

123F B LANHAM PhD Prof and Head of Dept

3F W ANDREW BS Assoc Prof Elec Power and Proc

12B J BUTLER MS Prof Power and Mach
12J O CURTIS PhD Prof Power and Mach

12D L DAY PhD Assoc Prof Farm Structures

34C J W DRABLOS MS Asst Prof Soil and Water

1R F ESPENSCHIED EdD Assoc Prof Farm Shop

12G E HALL PhD Asst Prof Elec Power and Proc 12E L HANSEN MS Prof Farm Structures

3R C HAY MS Prof Soil and Water

12D L HOAG PhD Asst Prof Power and Mach

12D R HUNT PhD Prof Power and Mach

5G M HYDE MS Collab

3D G JEDELE MS Prof Farm Structures

12B A JONES Jr PhD Prof Soil and Water

12W D LEMBKE PhD Assoc Prof Soil and Water

12J K MITCHELL MS Res Assoc Soil and Water

3A J MUEHLING MS Assoc Prof Farm Structures

25W R NAVE MS Asst Prof and Collab

12E F OLVER PhD Prof Elec Power and Proc

25H B PUCKETT MS Assoc Prof and Collab

12G C SHOVE PhD Assoc Prof Elec Power and Proc

34J C SIEMENS PhD Assoc Prof Power and Mach

12J A WEBER MS Prof Power and Mach

12R R YOERGER PhD Prof Power and Mach

Entomology

2W H LUCKMANN PhD Prof (Head of Sect State Natural Hist Surv)

3310

2J E APPLEBY PhD Asst Prof For and Omam Ins

2E J ARMBRUST PhD Asst Prof Forage Ins

2W N BRUCE PhD Prof Pest Residues

5T A COOLEY MS Spec Asst Ent Ext Ins Surv 2W L HOWE PhD Prof Corn Ins

2MARCOS KOGAN PhD Asst Prof Host Selection

3D E KUHLMAN PhD Instr Corn Ins

2W E LABERGE PhD Prof Ins Taxon

2J V MADDOX PhD Asst Prof Ins Path 2R H MEYER PhD Asst Prof Fruit Ins

3 STEVENSON MOORE III PhD Prof Livestock Ins

2K S PARK MS Asst Chem Pest Residues 2R D PAUSCH PhD Asst Prof Ins Steril

3H B PETTY Jr PhD Prof Ins Control

3ROSCOE RANDELL PhD Asst Prof Fruit and Veg Ins 2KETURAH A REINBOLD MS Res Asst Pest Residues

Aquatics

Entomology_Continued

2M W SANDERSON PhD Prof Ins Taxon

2R E SECHRIEST PhD Asst Prof Chem Control

2L J STANNARD PhD Prof Ins Taxon

2J D UNZICKER PhD Asst Prof Taxon of Mites and Spiders

Extension Administration

3320

3J B CLAAR PhD Dir and Prof 3W A BOUSLOG MS Asst Prof and Asst to Dir

3MARTHA L DUNLAP PhD Prof and Asst Dir

3E E GOLDEN PhD Assoc Prof and Asst Dir 3M S WILLIAMS PhD Prof and Asst Dir

13E W ANDERSON PhD Prof and Ldr Ext Educ

3E J BARNES MS Assoc Prof and Asst State Ldr

3H A CATE BS Assoc Prof Ext Commun Spec Dixon Springs (PO Simpson)

3G J CHRISTENSON MS Assoc Prof and Asst State Ldr

3F P GRAHAM MS Asst Prof and Asst State Ldr

3MARY M HOFFMAN MS Asst Prof and Asst Proj Ldr, Nutr Prog

30 L HOGSETT BS Asst Prof and Safety Spec

3F J HOLHUBNER MS Assoc Prof and Asst State Ldr 3Mrs MARY O HUBBARD MS Assoc Prof and Asst

State Ldr 3GERTRUDE E KAISER PhD Prof and Asst Ldr Ext

Educ 3LULA G KELLER BEd Asst Prof and Asst State Ldr

3% FLCMASNEY BS Assoc Prof and Area Spec Food Merchandising and Consum Educ (PO Chicago)

3MILDRED NUTTALL BEd Asst Prof and Asst State Ldr

3F A PAINTER MS Asst Prof and Ldr Spec Proi

3CARCL V REBBE EdM Assoc Prof and Proj Ldr Nutr Proa

3FH ROOT BEd Asst Prof Camp and Park Mgt

3G F SONS MS Assoc Prof and Asst State Ldr

3R DWALKER Ed M Assoc Prof and Soil Conserv Spec

3FRANCES E WEBB MS Assoc Prof and Asst State Ldr 23R J WEBB MS Prof and Supt Ext Prog Dixon Springs

(PO Simpson) 3ELNORA P WINTERFELDTMS Assoc Prof and Asst

4-H AND YOUTH WORK

State L.dr

3R O LYONS MS Assoc Prof and State Ldr 4-H and Youth Work

3L J BIEVER PhD Assoc Prof and Ext Adv Youth (PO Chicago)

3MARY CHEZE MS Asst Prof and Spec in 4-H and Youth Work

3G L DAIGH Jr MS Assoc Prof and Spec in 4-H and Youth Work

3W E GRIFFITH BS Instr and Spec in 4-H and Youth Work

3F L HAEGELE MS Asst Prof and Spec in 4-H and Youth Work

3BARBARA J HARRIS MS Instrand Spec in 4-Hand Youth Work

3G W STONE MS Assoc Prof and Spec in 4-H and Youth Work 3H J WETZEL MS Assoc Prof and Spec in 4-H and Youth

Work 3ARLENE WOLFRAM MS Asst Prof and Spec in 4-H and

Youth Work 3ELMER WRIGHT PhD Asst Prof and Spec in 4-H and Youth Work

Food Science 3330

123R T MILNER PhD Prof and Head of Dept (217-333-01301

12C J ARGOUDELIS PhD Asst Prof Food Chem 2NANJUNDIAH CHANDRASEKHARA PhD Res Assoc Food Chem

2AGNES S CSALLANY PhD Res Asst Prof Nutr Biochem

12H H DRAPER PhD Prof Nutr Biochem 2M K GOVIND RAO PhD Res Assoc Food Chem

12BETTY HASKELL PhD Assoc Prof Nutr

12J H HETRICK PhD Prof Dairy Technol

2PATRICIA V JOHNSTON PhD Res Asst Prof Food Sci

12F A KUMMEROW PhD Prof Food Chem

ILLINOIS 3330-3370

Food Science-Continued

2MITSUO NAKAGAWA PhD Vis Res Assoc Food Chem 2K A NARAYAN PhD Asst Prof Food Chem 12A I NELSON BS Prof Food Proc 12TOSHIRO NISHIDA PhD Prof Food Chem 12Z J ORDAL PhD Prof Food Microbiol 12E G PERKINS PhD Assoc Prof Food Chem 23V L PORTER PhD Instr Dairy Technol 2DEMETRIUS SGOUTAS PhD Asst Prof Food Sci 12M P STEINBERG PhD Prof Food Engin 12JOSEPH TOBIAS PhD Prof Dairy Technol 12S L TUCKEY PhD Prof Dairy Technol 12L S WEI PhD Assoc Prof Food Proc 12R M WHITNEY PhD Prof Dairy Technol 12H K WILSON PhD Assoc Prof Dairy Technol 12L D WITTER PhD Prof Food Microbiol

3340

123W R BOGGESS MF Prof and Head of Dept (217-333-2770)

2L E ARNOLD MS Assoc Forester (PO Simpson 62985) (618-949-2101)

2F A BAZZAZ PhD Asst Prof Ecol

12POO CHOW PhD Asst Prof Wood Sci

3L B CULVER BSF Assoc Prof

3T W CURTIN MExtEd Asst Prof

12R F FISHER PhD Asst Prof For Ecol

23H W FOX BSF Asst Prof Sinnissippi For Mgt (PO Oregon 61061) (815-732-6240)

12J W GERDEMANN PhD Prof Plant Path in Agron and

12A R GILMORE DF Prof For Soils
12J K GUIHER PhD Asst Prof Wood Sci
12I I HOLLAND PhD Prof For Econ

2J J JOKELA PhD Assoc Prof For Genet

12D E KOEPPE PhD Asst Prof Plant Physiol

12R W LORENZ PhD Prof Dendrol

23R E NELSON BSF Asst Prof (PO Marion 62959) (618-993-6324)

2D H PERCIVAL MSF Res Assoc Prof Wood Sci 12R G RENNELS PhD Assoc Prof Ent

12C S WALTERS DF Prof Wood Sci 12T R YOCOM MF Assoc Prof For Mgt 123R A YOUNG MS Forester

Home Economics 3350

123JANICE M SMITH PhD Prof and Head of Dept 3GERALDINE E ACKER MS Prof Foods and Nutr 1H H ALEXANDER MFA Assoc Prof Housing and Home Fum

1KARLYNE AANSPACH PhD Assoc Prof Text and Cloth

1JOAN F AUSTIN MFA Instr Text and Cloth Design 1Mrs KATHERINE M BANNER MS Instr Text and Cloth

1J B BERMAN MS Instr Housing and Home Furn

1Mrs ANN S BAUGHMAN BS Asst Inst Mgt

3MURIEL S BRINK MS Asst Prof Foods and Nutr

12ESTHER L BROWN PhD Assoc Prof Nutr

1Mrs VERA C CRUSIUS MS Instr Inst Mgt 1Mrs LAURA C DeWALL MS Instr Child Devlpmt

3CLARA F DODSON MA Asst Prof Home Furn

1E IRENE DOWNEY MS Asst Prof Foods

12MARILYN M DUNSING PhD Prof Fam Econ

1Mrs JUDY M GLOVER MS Instr Foods

1MARGARET R GOODYEAR MS Assoc Prof Home Mgt 3DOROTHY A GOSS MS Instr Fam Econ and Home Mgt
1M VIRGINIA GUTHRIE MS Asst Prof Home Mgt
23JEANNE L HAFSTROM MS Instr Fam Econ
12BETTY E HASKELL PhD Assoc Prof Nutr

1Mrs BECKY L HEATH MS Instr Child Devlpmt

3C B HOWELLS MS Instr Fam Life

1BEULAH A HUNZICKER MS Assoc Prof Inst Mgt

1Mrs ELIZABETH M JOHNSON MS Instr Foods and Nutr 1Mrs FRANCES M LaFONT MS Asst Prof Foods and

Nutr

2Mrs LINDA E LEMARMS Instr Foods

2BEULAH V McKEY MS Asst Prof Nutr IMrs MILLICENT V MARTIN MS Asst Prof Child

MARJORIE E MEAD MS Asst Prof Cloth

Home Economics-Continued

1QUEENIE B MILLS EdD Prof Child Devlomt 1Mrs WILLIE M MOWRER PhD Assoc Prof Fam Relat 3L B O'REILLY MA Assoc Prof Health Ed

3LUCILE PEPOON MS Assoc Prof Fam Life 12Mrs AIKO K PERRY MS Instr Foods

3GLENDA L PIFER MS Asst Prof Housing and Equip

3R J REBER PhD Asst Prof Nutr

3K VIRGINIA SEIDEL MS Assoc Prof Home Furn

3ESTHER E SIEMEN MS Asst Prof Cloth

1R B SMITH EdD Prof Music in Home Econ

3MARJORIE A SOHN MS Asst Prof Cloth

1Mrs LORRAINE D TREBILCOCK MS Prof Text and Cloth

124L D VAN DEN DAELE PhD Assoc Prof Child Devlomt 12FRANCES O VAN DUYNE PhD Prof Foods

3CLARETA WALKER MS Asst Prof Form Life

12Mrs CAROL L WARFIELD MS Instr Text and Cloth 1HELEN K ZWOLANEK AM Assoc Prof Text and Cloth

Horticulture

123C J BIRKELAND PhD Prof and Head of Dept (217-333-0350)

12C Y ARNOLD PhD Prof Veg Crops

2G A ASTLING BS Asst Hort

12LEONARD BEEVERS PhD Assoc Prof Plant Physiol

13J D BUTLER PhD Assoc Prof Turf

3M C CARBONNEAU PhD Assoc Prof Omam

2C Y CHU MS Asst Hort

23J W COURTER MS Assoc Prof Hort (PO Simpson)

12J R CULBERT MS Prof Flor

12D F DAYTON PhD Prof Plant Genet

1W L DENMARK BS Asst Prof Climatol

2FRANCIS dEVOS PhD Prof Hort

12D B DICKINSON Jr PhD Assoc Prof Plant Physiol

13G M FOSLERMS Asst Prof Flor

123J B GARTNER PhD Prof Omam

3F A GILES MS Asst Prof Hort 2M T HALL PhD Prof Hort

12T K HODGES PhD Assoc Prof Plant Physiol

23H J HOPEN PhD Assoc Prof Veg Crops 12T D HUGHES PhD Asst Prof Soils

123F. R JAYCOX PhD Prof Apic 2W A KELLEY BS Asst Hort

2E M LIGNOWSKI PhD Asst Hort

12M B LINN PhD Prof Plant Path

12J P McCOLLUM PhD Prof Plant Physiol

2J C McDANIEL BS Asst Prof Hort 3D B MEADOR PhD Asst Prof Pomol

12M M MEYER Jr PhD Asst Prof Nursery Mgt 2J B MOWRY PhD Prof Hort (PO Carbondale)

13W R NELSON Jr BS Assoc Prof Landsc Gard

123DWIGHT POWELL PhD Prof Plant Path

2A M RHODES PhD Assoc Prof Plant Genet

12D C SAUPE MS Instr Flor

2A L SHAWKAT PhD Asst Hort 2R K SIMONS PhD Prof Pomol

2Mrs PATRICIA W SPENCER MS Asst Hort

12W E SPLITTSTOESSER PhD Assoc Prof Plant Physiol

12Å E THOMPSON PhD Prof Plant Genet

12J S TITUS PhD Prof Pomol

3J S VANDEMARK PhD Prof Veg Crops

123C C ZYCH PhD Assoc Prof Pomol

Plant Pathology
123W M BEVER PhD Prof and Head of Dept
1L M BLACK PhD Prof Virol

23E E BURNS MS Instr

2H F CANTRELL PhD Res Assoc Antibiotics

1J C CARTER PhD Prof Tree Dis

15DW CHAMBERLAIN PhD Assoc Prof Soybean Dis

15D I EDWARDS PhD Asst Prof Nematol

1J L FORSBERG PhD Prof Omam Dis 12J W GERDEMANN PhD Prof Mycorrhiza 124DAVID GOTTLIEB PhD Prof Antibiotics

15L E GRAY PhD Asst Prof Soybean Root Rhizosphere 1WALTER HARTSTIRN PhD Asst Prof Ornam Dis

12A L HOOKER PhD Prof Com Dis

15HENRYK JEDLINSKI PhD Asst Prof Virol

2MONIKA LEONARD BS Res Asst Biochem of Funci

3370

Plant Pathology-Continued

2S M LIM PhD Res Assoc Com Dis

124M B LINN PhD Prof Veg Dis

12R B MALEK PhD Asst Prof Nematol
12J D PAXTON PhD Asst Prof Phytoalexins

12DWIGHT POWELL PhD Prof Fruit Dis

2KANTHADAI RAGHU PhD Res Assoc Antibiotics

1D F SCHOENWEISS PhD Asst Prof Omom Dis

2P D SHAW PhD Assoc Prof Antibiotics

13M C SHURTLEFF PhD Prof Fruit and Veg Dis

12J BSINCLAIR PhD Prof Internatl Plant Path

2D R SMITH BS Asst Path Corn Dis

12D P TAYLOR PhD Prof Nematol

2Mrs MARY R THOMPSON MS Res Asst Virol

12H H THORNBERRY PhD Prof Virol

Recreation and Park Administration (Col of Phys Educ)

13A V SAPORA PhD Prof and Dept Head

13J J BANNON MS Res Assoc Office of Rec and Park Res

13C W PEZOLDTAM Asst Prof Rec Spec

13E H REGNIER Rec Dir Prof, Rec Spec

Veterinary Medicine

3380

3375

2L MEYER JONES DVM PhD Prof and Dean of Col

2J N ARBAUGH DVM Instr Clin Med

2D H FERRIS PhD Assoc Prof Path and Hyg

2P R FITZGERALD PhD Prof Path and Hyg

2L E HANSON DVM PhD Prof Path and Hyg 2W G HUBER DVM PhD Prof Physiol and Pharmacol

2G L JACKSON PhD Asst Prof Physiol and Pharmacol

2N D LEVINE PhD Prof Parasitol

2R P LINK DVM PhD Prof Physiol and Pharmacol

2J ELOVELL DVM PhD Prof Biol Structures

23M E MANSFIELD BS DVM Prof Anim Biol (PO Simpson)

3R DMcQUEEN DVM PhD Assoc Prof Physiol and Pharmacol

2W L MYERS DVM PhD Assoc Prof Path and Hyg

3J R PICKARD DVM MS Prof Anim Biol

2MIODRAG RISTIC DVM PhD Prof Path and Hyg

2DIEGO SEGRE DVM PhD Prof Microbiol and Public Health

2JOSEPH SIMON DVM PhD Prof Path and Hya

2K W SLOAN DVM PhD Assoc Dean of Vet Res

2G T WOODS DVM MPH MS Prof Microbiol and Public Health

Vocational Agriculture Service

3390

1J W MATTHEWS PhD Prof and Head of Serv

1R L COURSON PhD Assoc Prof

1R F ESPENSCHIED EdD Assoc Prof

1J H HERBST PhD Assoc Prof

1W H WITT MS Assoc Prof

The School of Agriculture Southern Illinois

University, Carbondale 62901 (Main tel 618-453-2121)

1College Staff

4Leave of Absence 6C∞p USDI

5Coop USDA

9A-TR, M-S Program

3400

1D W MORRIS PhD LHD Pres of Univ (618-453-2211)

1R G HANSEN PhD Coord Res and Proj (618-453-2273)

1W E KEEPPER PhD Dean of Sch of Agr (618-453-2469)

Forestry

3405

19J W ANDRESEN PhD Prof and Chmn of Dept

5C F BEY PhD Adj Prof 5J W BROWNELL MS Adj Prof 1C A BUDELSKY PhD Asst Prof

1A G CHAPMAN PhD Adj Prof

5P Y CHEN PhD Adj Prof 1R S FERELL PhD Asst Prof

1JSFRALISH PhD Asst Prof

5D T FUNK MS Adj Prof 1D B HOUSTON PhD Asst Prof

6R J JOHNSON BS Adj Inst

Forestry_Continued

1MARGARET KAEISER PhD Assoc Prof

1F H KUNG PhD Asst Prof 5E F LANDT BS Adj Prof

5R D LINDMARK MS Adj Prof

5C K LOSCHE PhD Adj Prof

1D R McCURDY PhD Assoc Prof 6L A MEHRHOFF MS Adj Prof

1R M MISCHON MS Asst Prof 4A A MOSLEMI PhD Assoc Prof

SR E PHARES PhD Adj Prof

1P L ROTH PhD Asst Prof

1P A YAMBERT PhD Prof

INDIANA

Schools of Agriculture, Home Economics, and Veterinary Medicine; the Purdue University Agricultural Experiment Station, the Purdue University Cooperative Extension Service, and the Purdue University International Programs in Agriculture of Purdue University, Lafayette 47907 (Main tel 317-749-4211)

College Staff 2Station Staff 3Extension Staff

4Leave of Absence 5 Coop USDA 6Coop USDC and USDI

9A-TR, M-S Program 7International Program Staff

3410

123F L HOVDE MA DSc LLD DEng Pres of Univ (317-749-2108)

1L J FREEHAFER BS Vice Pres and Treas (317-749-2121)

IG A HAWKINS PhD Vice Pres for Academic Affairs (317-749-2211)

IF N ANDREWS PhD Vice Pres for Res and Dean of Grad Sch (317-749-2146)

10 R MALLETT PhD Vice Pres for Stud Serv and Exec Dean (317-749-2105)

IC H LAWSHE PhD Vice Pres Regional Campus Admin (317-749-2221)

1237R L KOHLS PhD Deam of Agr (317-749-2411)

29H H KRAMER PhD Dir of Sta and Assoc Dean of Agr (317-749-2461)

2N K ELLIS PhD Assoc Dir of Sta (317-749-2462)
123R B WILSON PhD Assoc Dir of Sta and Asst Dir of Ext (317-749-2461)

3H G DIESSLIN PhD Dir of Agr Ext and Assoc Dean of Agr (317-749-2413)

3P B CROOKS DPA Assoc Dir of Ext (317-749-2413) **3J O DUNBAR** PhD Assoc Dir of Ext (317-749-2413)

3J R FRIST PhD Asst Dir of Ext (317-749-2413)

3D R TROYER PhD Asst Dir of Ext (317-749-2413)

1A R HILST PhD Dir of Resident Instrand Assoc Dean of Agr (317-749-2403)

1D C PFENDLER MS Assoc Dir of Resident Instrand Assoc Dean of Agr (317-749-2402)

123EVA L GOBLE PhD Deam of Sch of Home Econ (317-749-2671)

IE V MORSE DVM PhD Dean of Sch of Vet Sci and Med (317-749-2873)

12R L MORTER DVM PhD Prof and Assoc Dean for Res of Sch of Vet Sci and Med (317-749-4296)

1.J. J. STOCKTON DVM PhD Prof and Assoc Dean for Academic Affairs of Sch (317-749-3666)

1A R ALLEN MS Assoc Prof Med Illus (317-494-5300)

27D W THOMAS PhD Dir of Internatl Prog in Agr and Assoc Dean of Agr (317-749-3753)

37R H FOSBRINK MS Asst Dir Internatl Prog in Agr (317-749-3753)

7F A FENDER BS Asst to Dir Internatl Prog in Agr (317-749-3753)

23J E BENKEN BS Chief Bus Admin for Agr (317-749-

3420

123J B PETERSON PhD Prof Soil Chem and Head of Dept (317-749-2893)

12F L PATTERSON PhD Prof Crop Brdg Hybridization and Asst Head of Dept

3420-3440 INDIANA

Agronomy-Continued

123M W PHILLIPS PhD Prof Soil Fert Mgt and Asst Head of Dept

12J L AHLRICHS PhD Prof Soil Chem

12J D AXTELL PhD Asst Prof Plant Genet

12S A BARBER PhD Prof Soil Fert Mgt

2L F BAUMAN PhD Prof Genet

12M F BAUMGARDNER PhD Assoc Prof Soil Fert Mgt

12B O BLAIR PhD Prof Field Crops

2R D BRONSON PhD Prof Soil Fert Chem and Intern

25R J BULA PhD Prof Pasture and Forage Crops

13E P CHRISTMAS Ph.D. Assoc Prof Soil Fert Mgt

2P L CRANE PhD Assoc Prof Crop Brdg Hybridization

12R F DALE PhD Assoc Prof Agr Met

123W H DANIEL PhD Prof Turf and Ornam Crops

23K M DAY BS Instr Soil Fert Mgt

2J R FENWICK BS Grad Instr Field Crops

13D R FORD PhD Grad Instr Plant Physiol

2D P FRANZMEIER PhD Assoc Prof Soil Genesis Classif and Mapping

23H M GALLOWAY MS Assoc Prof Soil Genesis Classif and Mapping

12D V GLOVER PhD Assoc Prof Crop Brdg Hybridization

23D R GRIFFITH MS Instr Soil Fert Mgt 23B J HANKINSMS Instr Field Crops

23M E HEATH BS Assoc Prof Pasture and Forage Crops

2H F HODGES PhD Assoc Prof Plant Physiol

12D A HOLT PhD Asst Prof Pasture and Forage Crops
23E L HOOD PhD Asst Prof Soil Fert Mgt
12W F KEIM PhD Prof Genet

2H R KOLLER PhD Asst Prof Plant Physiol

2V L LECHTENBERG MS Grad Instr Pasture and Forage Crops

12K J L ESSMAN PhD Prof Plant Genet

12P F LOW PhD Prof Soil Chem

20 W LUETKEMEIER MS Supt Agron Farm Crop Mgt

25% G LYNCH BS Instr Pasture and Forage Crops

23J V MANNERING PhD Assoc Prof Erosion and Sedimentation

25R G MAY BS Instr Pasture and Forage Crops

12W W McFEE PhD Assoc Prof Soil Fert Mgt

12N L MEYERS MS Grad Instr Soils 12D W NELSON PhD Asst Prof Soil Bact

12J E NEWMAN MS Prof Bioclimatol

12W E NYQUIST PhD Prof Statis and Quant Genet

12A J OHLROGGE PhD Prof Soil Fert and Plant Nutr

12R C PICKETT PhD Prof Crop Brdg Hybridization 25A H PROBST PhD Prof Crop Brdg Hybridization

23W D REISS PhD Assoc Prof Field Crops

12C L RHYKERD PhD Prof Pasture and Forage Crops

2S J ROSS MS Instr Soil Fert Mgt

26L A SCHAAL BS Instr Phys Climatol 12R E SCHAFFERT MS Grad Instr Field Crops

25J C SHANNON PhD Assoc Prof Plant Physiol

13L H SMITH MS Assoc Prof Pasture and Forage Crops

3B E SOUTHARD Jr BS Instr Soil Fert Mgt

3C D SPIES MS Assoc Prof Soil Fert Mgt 26W L CTIRM MS Grad Instr Agr Met

23R K STIVERS PhD Assoc Prof Soil Fert Mgt

12DALE SWARTZENDRUBER PhD Prof Soil Phys

23M L SWEARINGIN PhD Assoc Prof Field Crops

12J J VORST PhD Asst Prof Field Crops 12J L WHITE PhD Prof Soil Mineral

123DANIEL WIERSMA PhD Prof Soil Moisture

25J R WILCOX PhD Assoc Prof Crop Brdg Hybridization 3J E YAHNEF PhD Assoc Prof Soil Fert Mgt

12A L ZACHARY PhD Asst Prof Soil Genesis Classif and Mapping

Animal Sciences

3430

123J L KRIDER PhD Prof and Head of Dept (317-749-2455)

123R E ERB PhD Prof and Asst Head of Dept

12E D ABERLE PhD Asst Prof Food Sci

23R L ADAMS PhD Assoc Prof Monogastric Nutr Ext

123J L ALBRIGHT PhD Prof Dairy Cattle Mgt
12C W ALLISTON PhD Assoc Prof Physiol

Animal Sciences - Continued

2W I ARNOLD BS Instr Swine Eval Sta 12F J BABEL PhD Prof Bact

12W M BEESON PhD Prof Nutr

12A E BELL PhD Prof Genet 23J G BERRY PhD Asst Prof Food Sci Ext

12B B BOHREN PhD Prof Genet

12C M BROWN MS Admin Asst

123J R CARSON PhD Prof Genet

12T R CLINE PhD Assoc Prof Monogastric Nutr

7V F COLENBRANDER PhD Assoc Prof Brazil Tech Asst Prog Nutr

12J H CONRAD PhD Prof Monogastric Nutr

12B W CRCWL MS Asst Prof Dairy Mgt

12M D CUNNINGHAM PhD Assoc Prof Ruminant Nutr

23W M DILLON PhD Assoc Prof Genet and Mgt Ext

12D P DOOLITTLE PhD Assoc Prof Genet

23K J DREWRY PhD Assoc Prof Genet and Mgt Ext

12T G DUNN PhD Asst Prof Physiol

12W R FEATHERSTON PhD Prof Nutr

123R W FERLING MS Bus Off Rep

123J C FORREST PhD Assoc Prof Food Sci Ext

23J R FOSTER PhD Prof Monogastric Nutr

13J T FROST MS Assoc Prof Livestock Mgt

5V A GARWOOD PhD Coord NC Regional Poultry Brda Lab Genet

3S M GREGORY MS Assoc Prof Dairy Ext 12R D HALLECK MS Admin Asst

12R B HARRINGTON PhD Prof Statis

12H B HENDRICKS MS Instr Meat Sci

123D L HILL PhD Assoc Prof Nutr and Physiol 5R L HOGUE BS Exec Secy Ind State Poultry Assoc and Ind State Egg Board

12k F. HUNSLFY Ph.D. Asst Prof Beef Cattle and Mgt

12H W JONES PhD Prof Swine Mgt 123M D JUDGE PhD Prof Food Sci

12T W KEENAN PhD Asst Prof Food Sci

12B J LISKA PhD Prof Food Sci

12JACK LONG PhD Prof Anim Sci

12N S LUNDQUIST PhD Prof Anim Sci 3K G MacDONALD MS Assoc Prof Beef Cattle Ext

12P V MALVEN PhD Assoc Prof Physiol 12T G MARTIN PhD Prof Genet

23V B MAYROSE PhD Assoc Prof Swine Housing and Mat

2C R MIRACLE BS Supt Normandy Farm

3N J MOELLER BS Asst Prof Dairy Ext

2M T MOHLER MS Asst Prof Beef Cattle Res 12L D MULLER PnD Asst Prof Ruminant Nutr

23L A NELSCN PhD Asst Prof Beef Cattle Genet and

Mat Ext 12C H NOLLEP PhD Prof Ruminant Nutr

123J B OUTHOUSE PhD Prof Livestock Mgt 12C E PARMELEE PhD Assoc Prof Food Sci

12T W PERRY PhD Prof Nutr

12M P PLUMLEE PhD Prof Nutr 2P E PRITCHETT BS In Chg of Creamery License Div

12J C ROGLER PhD Prof Monogastric Nutr

23W L SINGLETON Asst Prof Physiol Ext

12W H SMITH PhD Prof Ruminant Nutr

123W J STADELMAN PhD Prof Food Sci

3R W STEIN MS Assoc Prof Food Sci Ext

12MARTIN STOB PhD Prof Physiol

12L B UNDERWOOD MS Admin Asst

5S P WILSON PhD Assoc Prof Genet

5J B WILTSHIRE Fed-State Supvr of Poultry and Egg G**ra**ding

2Mrs SHIRLEY A WOLFE BS Instr Statis

Biochemistry 3440 12BERNARD AXELROD PhD Prof Head of Dept Plant

Biochem (317-749-2391)

2PAULINE BALBACH Instr Seed Tech

12K G BRANDT PhD Assoc Prof Enzyme Kinetics
12L G BUTLER PhD Assoc Prof Phosphate Metabolism

2J G EIKENBERRY MS Admin Asst 2L G HAMBLETON BS Instr Anal Chem

12KLAUS HERRMANN PhD Asst Prof Metabolic Regulation

12H D JACKSON PhD Assoc Prof Metabolic Dis

3440-3460 INDIANA

Biochemistry-Continued

12K H KIM PhD Assoc Prof Devlpmt Biochem 3J L SEMN I AF Metion Picture upon 12G B KOHLHAW PhD Assoc Prof Enzyme Mechanisms 3D E STICHTER BS Vis Aids Spec 12D W KROGMANN PhD Prof Phytochem 12J A KUC' PhD Prof Plant Dis Chem 4-H AND YOUTH 12E T MERTZ PhD Prof Amino Acids Proteins 12H E PARKER PhD Prof Inorganic Chem 3E L FRICKEY MS Prof of Educ and Head of Dept $3\mbox{W}$ E CALDWELL MA $\,$ Asst State Ldr Youth 3H B CHUSSEL MS | Ext Spec Young Adults 2E A PETERSON Field Auditor 3C A GOSNEY MS Ext Spec Youth 12F W QUACKENBUSH PhD Prof Lipids 2H S RAGHEB PhD Asst Prof Microbiol
12F E REGNIER PhD Asst Prof Ins Pheromones
12V W RODWELL PhD Assoc Prof Intermediary 3E A HOLM MS Ext Spec Youth 3G F JONES MS Ext Spec Recreation 3SARA S NARAGON MS Ext Spec Youth 3NANCY A NORRIS MS Ext Spec Youth Metabolism 3. First A. M. PELA C. TK MS - Lat Sp. - Youth 3BILL L. PEEK MS - Ext Spec Youth 2R C RUND BS Admin Off 12E D SCHALL PhD State Chem Seed Commissioner 3ANNABEL J RUPEL MS Ext Spec Youth Prof Anal Chem 3 ALLEN SLICKERS BS Ext Spec Youth 12L C SHENBERGER MSAsst Prof Seed Tech12R L SOMERVILLE PhDAssoc Prof Biochem Genet 3MARY F SMITH MS Ext Spec Youth 3H B TAYLOR MS Ext Spec Youth. 12S H STOUT BA Comptroller Rep 2AMMON SWOPE Jr BS Chief Insp 3460 Economics (Agr) 2J R WEILBAKER BS Instr Anal Chem
12HENRY WEINER PhD Assoc Prof Metallo-Proteins 123C F. FRENCH PhD Prof Agr Econ and Head of Dept Mktg (317-749-2066) 12R L WHISTLER PhD Prof Carbohydrates 123L M EISGRUBE R Full - Frof Air Erron and Asst Head 12HOWARD ZALKIN PhD Assoc Prof Metabolism Cont (Rec) Prof Lon. 123H A WALL Word High To grad Amilian in i Asst Head Botany and Plant Pathology 3450 (Elst' Estand Cape t

123. H AshMills Child and Let Nov. the Investork Mktg

43 H A. Kibac Child. From Am Elst. Internate Econ

Brush, Ail From Park of Form Mkt and Agr Bus Mgt 123M L TOMES PhD Head of Dept (317-749-2946) 25T S ABNEY Asst Prof Plant Path 2R B ASHMAN PhD Assoc Prof Genet 25K L ATHOW PhD Prof Plant Path 1236 M. DALES In. The Agricum Mkt rand Agr Bus Mgt.
1230 H. BA UELPI. Acrt for Am Fron Mit.
1231 From J. M. Fron Am Fron Mit.
1231 From J. M. Fron Am Fron Froncy.
25W G. BL FRON P. L. Acut Prof Am Fron Subsector Anal. 124J B BANCHOFT PhD Prof Plant Path
12G B BERGESON PhD Assoc Prof Plant Path 2C E BRACKER PhD Assoc Prof Plant Path 2R M CALDWELL PhD Prof Plant Path 12G B CUMMAINS PhD Prof of Bet 2R W CURTIS PhD Prof Soil Microbiol **2**A 1, 17A 1, 17 February From Aur Down Ress Methodol **13**F P. 17 (17) and Abbath From Auricon Mat 2ARTHUR DALBY PhD Assoc Prof Biochem Genet 23H V COURTENAY MS Instr Agr Econ Consumption 12 SR J GREEN Jr PhD Prof Plant Path Econ 12J F HENNEN PhD Prof of Bot 12C B KENAGA PhD Assoc Prof Plant Path 2F A LAVIOLETTE MS Asst Prof Plant Path 2R M LISTER PhD Assoc Prof Plant Path 12D J F MORRE PhD Assoc Prof Plant Physiol 12P L FARRIS PhD Prot Agr Econ Prices 23W S FARRIS PnD Prof Agr Econ Grain Mktg 3N S HADLEY BS Prof Agr Econ Mgt 1S N POSTLETHWAIT PhD Prof Bot 12F W ROETH PhD Asst Prof Plant Physiol 12R C HAIDACHER PhD Asst Prof Agr Econ Mktg and 23M A ROSS PhD Assoc Prof Bot Prices 25M M SCHREIBER PhD Assoc Prof Plant Physiol 4L SHARDIN PhD Prof Ayr Econ Mgt 3D H SCOTT PhD Asst Prof Plant Path 2G E SHANER PhD Asst Prof Plant Path 12JOJE I H. H.A. C. M. F. R. F. Fr. J. A. H. Econ Econor 64.1.5. 3E G SHARVELLE PhD Prof Plant Path 23J M HUIE PhD Asst Prof Agr Econ Econ Devlpmt 25G D IRWIN Ph!) Assoc Prof Agr Econ Prod Econ 12C Y TSAI PhD Asst Prof Genet 12J F TUITE PhD Prof Plant Path 12B F TCARCERS Asser For A mile on Mit 12M F. UT Laurater For Assert For Econ Gen Mktg 123 F KA G TO Talle For A milecon Min 12A J ULLSTRUP PhD Prof Plant Path 125E B WILLIAMS PhD Prof Plant Path 123J L WILLIAMS Jr PhD Assoc Prof Bot 12: A Krishelis Glad on the Agril on Fred Econ 123K A KEPNER Fill Associated Assistent Food Distrib 3455 Cooperative Extension Service and Jany Mkta ADMINISTRATION 23T C KERR MC - Ask that Am Eron Internati Econ 12R F. M. TROCK FM - Assoc Fr.: Ask Foon Gen Mktg 12A L MILLER FM - Assoc Fr.: A J From Con Devipma 12A L MILLER FM - Assoc Free Am From Frod Econ 3H G DIESSLIN PhD Prof Dir and Assoc Dean (317-749-2413) 3P B CROOKS DPA Prof and Assoc Dir 3J O DUNBAR PhD Prof and Assoc Dir for Prog 123W H M MORRIS PhD Prof Agr Econ Mgt 3H L EWBANK PhD Prof and Asst to Dir Training and 12L L NPTHOUN FIRE ALST Proc Agr Fron Bus Mgt
3F E NEWMANT FIRE Visit Fir f Am Econ Agr Bus Mgt
4ELC OF ATEM Fire 1 Proc Am Fuon Dist Econ
4FAN FAA CONTONED FIRE From Am Econ Policy Res 3R J FRIST PnD Asst Dir for Prog 3R E GELZLEICHTER MS Asst to Dir Admin Mgt 3D R TROYER PhD Asst Dir for Training and Pers 123R B WILSON PhD Prof and Asst to the Dir 13M T POND Phili Askin Prof Air From Econ Devlpmt 123is I FALL Child posts Air file in a filter 23P R ROBBING PRO First Air Lot Mitt.

3C A SARGENT Fell A roc First Air From Mgt.

123F F ROBBING Works Street Air From Livestock. AUDIO-VISUAL PRODUCTION 23E C FERRINGER MS Assoc Prof and Head of Dept (317-749-2417)Mkt: **3**H R KI.AUS BS Prod Coord (317-749-2833) 23L F SCHRADER PhD Assoc Prof Agr Econ Mktg 12GF Comments First American Feet Production 25FASEARE FREE ALLER AMERICAN From Prod Econ **3V** E PUTNAM BA Oper Coord (317-749-2833) 3E M BLACKWELL BA Vis Aids Spec **3**SARAH L BROWNE Vis Design 3F V SMITH MS Asst Prof Agr Econ Mgt 12 F CONYLES Phi From Agr Foon Agr Put Mat 12R C SUTER PhD Assoc Prof Agr Econ Mgt

Cooperative Extension Service-Continued

1

.

3Mrs DOROTHY A DAVIDSON BA Vis Design 3PAMELA K LASSITER MA Vis Design 3K B LOHMANN Jr MS Motion Picture Spec

3F. F. LUCT. BA. Motion Frature Co. o.

INDIANA 3460-3530

Entomology_Continued

Economics (Agr) - Continued 23J N UHL PhD Asst Prof Agr F.con Fruits and Veg Mkta and Consumption 23J W UHRIG Phi Asson Prof Agr From Mat and Prices 3M D WHITAKER PhD Asst Prot Aar Foon Internati 4T K WHITE Phile Asson Frot AgriEvon Mgt Brazil AID Prog 3470 Editorial 23E C FERRINGER MS Head of Dept Agr Inform (317-749-2417) 23S F BRINES BA Into Spen-Pubs 23D L DINGER BA Info Spec-Pubs 23Mrs JOANNA J HESHER BA Info Spec-Pubs 23Mrs GRETCHEN M HILL MS Info Spec-Pubs 23E E KIRKPATHICK BA Info Spec-News 23W L MADIGAN BA Info Spec-News 3Mrs CAHCLYN L McNAMARA MA Into Spec-Fum Living News 23G K NUGENT MS Info Spec-TV 123J B OLIVER BS Info Spec-Pubs/Features 23R L REFDER BA Info Spec-Pubs/Tmg 123J A SMI 'H MS Into Spec-Pubs 23ELEANOR F TAYLOR (Cert) Fub Art Dir 23H S TYLER MS Info Spec-Radio/TV 123Mrs GAY L WHITE BA Info Spec-Pubs/Features 3480 Education (Agr) 1J P CLOUSE PhD Assoc Prof Agr Educ and Head Teacher Educ (317-749-2093) 1E E CLANIN PhD Assoc Prof Agr Educ 1R G FIE. PhD Asst Prot Agr r duc IW H HAMILTON PhD Asst Prof Agr Educ 1D R HENZE Instr Aur Edun 1L R MILLER - Instr Agr Fouc 3490 Engineering (Agr) 123G W ISAACS PhD Prot Agr Engin and Head of Dept (317-749-3770) 25J R BARRETT Jr MSAE Instr Rural Elec

1D F BLINE MS Assoc Prof Surveying 1A D BROWN MSEd Assoc Prof Farm Shop 12A C DALE Phl. Prof F in Structures 3J P FOLEY MSEd Asst Pro: Fam., Structures 25G H FOSTER MS Assoc Prof Proc 123W H FRIDAY MSAE Asst Prof Farm Structures 25F W HARWOOD BSAE Instr Rural Elec 12C G HAUGH PhD Assoc Prof Proc 12C N HINKLE PhD Prof Fare Constance 12L F HUGG 'NS Fall Acceleration Coll in 1 Cater 123P E JOHNSON MS Asst Prof Power and Mach 12R M LIEN MSAE Assoc Prof Power and Mach 12J B LILJEDAHL PhD Prof Power and Mach 13BA McKET ZIE - Frof Prod 25L D MEYER PhD Assoc Prof Soil and Water 12E J MONKE PhD Prof Soil and Water 23S D PARSONS MSAE Asst Prof Power and Mach

12R M PEART PnD Prof Proc

25R A THOMPSON BS Instr Proc

3500

23C PRICHEY BSAD. As so Prof Lower and Mach.

12R Z WHEATON in Associated Soil and Water 3F R WILLERY Ed.) Asst Prof. Parm. 2 dety

25W H WISCHMEIER MS Assoc Prof Soil and Water 12G L ZACHARIAH PhD Assoc Prof Proc

Entomology 123J V OSMUN PhD Prof Head of Dept Indus (317-749-2917) 12R H ARNETT PhD Prof Biosystem 2D L BALLEE MS Instr Residues 123G W BENNETT Ph.) Abst Prof Urban and Indus
12DB BROFBSMA Pn. Abst Prof Contains Scylean Ins
12WR CAMPBELL, PhD Abst Prof Ins Biochem 12LELAND CHANDLER PhD Prof Biosystem 36F R COURTSAL BS Asst Prof Vertebrate Control 12R C DOBSON PhD Prof Livestock Ins 2J E FAHEY MS Assoc Prof Residues 12J M FERRIS PhD Assoc Prof Nematol 2VIRGINIA REFERENCED Accor Prof Dematol

12W J FISCHANG Prof Behavior 2J E FOSTER PhD Asst Prof Host Plant Resistance 25R L GALLUN PhD Assoc Prof Host Plant Resistance 12R L GIESE PhD Prof For Ins 2G E GOULD PhD Prof Veg and Soil Ins 12A P GUTIERREZ PhD Asst Prof Biol Control 2T E HINTZ BS Instr Forage 12R M HOLLINGWORTH PhD Assoc Prof Toxicol 23R THUBER PhD Asst Prot Population Lynamics
6GARY LAPSON Instr Vertebrate Anim Control
3G E LEHKER MS Prof Ext 23D L MATTHEW MS Prof Ext Urban 2R W MEYER MS Instr Field Ecol 12J DPASCHKE PhD Prof Biol Control 23D P SANDERS PhD Asst Prof Lxt 23D L SCHUDER PhD Prof Omam Ins 2R E SHADE BS Instr Forage 12D L SHANKLAND PhD Prof Physiol

2M C WILSON MS Assoc Prof Forage Forestry and Conservation 123W C BRAMBLE PhD Prof and Head of Dept (317-749-2488) 12D L ALLEN PhD Prof Wildlife Ecol 12T W BEERS PhD Prof For 12W F BEINEKE PhD Asst Prof For 12W R BYRNES PhD Prof For 12J C CALLAHAN PhD Prof For 123W R CHANFY PhD Asst Prof For 12C A FCKELMAN PhD Asst Prof For 3A L. FIX MSF Asst Prof For 12J L HAMPI INK Phl Asst Prof Fisheries 12RM HOFFER PhD Artised Prof For 23M O FUNT PhD Assoc Prof For 12C M KIRKPATRICK PhD Prof Wildlife Mgt 12DM KNUDSON PhD Assoc Prof For 3H C KRAUCH Jr MSF Asst Prof For 3E J LOTT BSF Assoc Prof For 12CLAIR MERRITT PhD Prof For 1H H MICHAUD MA Prof Conserv 12CI MILLEP MSE Prof For 12J W MOSER Jr PhD Asst Prof For 12R E MUMFORD PhD Prof Wildlife Mgt 12RH FEPKINS Phl Asst Frof 12J FOEN TIPHE Assulted 1E W STARK PhD Prof For

2S K SUDDARTH PhD Prof For 23G H WEAVERMON Instr For 3530 Home Economics ADMINISTRATION 123EVAI GOBLE PhD Dean of Sch of Home Econ and Head of Cept of Home Econ Agr Expt Sta (317-749-

26711 3ANITA DICKSON EdD Assoc Prof Home Econ Extund Assuc Dean for Ext

12CORADEL HAMILTON PhD Prof Home Econ and Assoc Dean of Sch of Home Econ

3MARTHA HOLST MS Asst Prof Home Econ Ext and Prog Ldr

1Mrs BERTANEL LONG MS Inst Home Econ and Academic Counselor

1Mrs ISABEL RENOLDS MEd Asst Prof and Acad Counselor

3JANALYCE ROULS MS Asst Prof Home Econ Ext and Prog Ldr

CLOTHING AND TEXTILES 12MARGARET M BOYLE PhD Prof Cloth and Text and Head of Dept IMrs JEAN H DAVIS MS Assoc Prof 3Mrs BILLIE ELLSWORTH BS Instr 3Mrs JEAN GOODRICK PhD Asst Prof Home Econ 1Mrs MARY ALICE NEBOLD MS Asst Prof 1Mrs TILLIE RATCLIFF MA Instr 1ESTHER F RUPEL MS Asst Prof 1MADELINE RUSSELL PhD Assoc Prof 1BARBARA SCHLINKERT MS Asst Prof 1ELIZABETH THOMAS PhD Prof Cloth and Text 1PHYLLIS M ZACK MS Asst Prof

3520

INDIANA 3530-3560

Home Economics-Continued

EQUIPMENT AND FAMILY HOUSING

123KATHLEEN JOHNSTON PhD Prof Equip and Fam Housing and Head of Dept

1CHARLAN GRAFF MS Asst Prof 3RUTH HUTCHESON MS Asst Prof 3EZELLE JOHNSON MS Asst Prof

1Mrs MARY E KLINGSTEDT EdD Assoc Prof 1Mrs M VIRGINIA PEART PhD Assoc Prof

FOOD AND NUTBITION

123ELWOOF IN FEBER Phil Propand Head of Dept 3MARCILE ALLEN MS Asst Prof

12VIANNA D BRAMBLETT MS Assec Prof and Assoc Horle Econ Agr Expt Sta

IMARJORIE BRUBACHER MS Instr

12HELEN E CLARK PhD Prof and Assoc Home Econ Agr Expt Sta

1MARY E FUQUA PhD Prof Food and Nutr 2JEAN MA HOWE PhD Asst Prof Food and Nutr IMrs KAREN JAMESEN Asst Prof Food and Nutr 12AVANELLE KIRKSEY PhD Prof Food and Nutr

1ROSEMARY LODDE MSHE Asst Prof

2JOAN MAGEE MS Instr 12DAN PRATT PhD Prof Foods and Nutr and Assoc Home Econ Agr Exp Sta

HOME MANAGEMENT AND FAMILY ECONOMICS

123SARAH L MANNING PhD Prof and Assoc Home Econ Agr Expt Sta and Head of Dept

3JAN AHMSTRONG PhD Asst Prof 1MARY I. FOSTER MSHE Asst Prof 3BONNIE C GADDIS MS Instr

12HELEN C POTTER PhD Prof and Assoc Home Econ Aar Exot Sta

12JANET L VAUGHAN PhD Asst Prof and Assoc Home Econ Agr Expt Sta

12FLORA WILLIAMS PhD Asst Froi and Assoc Home Econ Air Expt Sta

INSTITUTIONAL MANAGEMENT

123RUTH L GOUPREY MS Prof Inst Mgt and Head of Dept 12ARTHUR AVERY PhD Prof Inst Mat and Assoc Home Econ Acr Expt Sta

ISYLVIA M HARTT MS Assoc Prof 13MARY R HYLAND MS Asst Prof 1Mrs ARDATH A JOHNSON MS Instr 1Mrs SARA D MEKEMSON MS Asst Prof 1MARY E QUAM PhD Asst Prof

3540 Horticulture

123H T ERICKSON PhD Prof and Head of Dept (317-749-

3R A BLAKELEY MS Asst Prof Mktg
3P W BUESCHERMS Grad Instrand Ext

23P L CARPENTER PhD Assoc Prof Ext Ornam

12J H CHERRY PhD Prof Plant Physiol

12H CDOSTAL PhD Assec Prof Post-Harvest Physiol 12D A EGGERT PhD Asst Prof Plant Physiol and Pomol

12F H EMERSON PhD Assoc Prof and Farms Dir Pomol

12H L FLINT PhD Assoc Prof Plant Physiol Omam

12C F GERLACH MS Asst Prof Landsc Arch
2R S GRENARD BS Instr Genet and Plant Brdg Veg

12LESLIE HAFEN PhD Prof Genet and Plant Brdg Veg

23R A HAYDEN PhD Assoc Prof Pomol

12J F. HOFF PhD Prof Food Sci 23C E HOXSIE MS Asst Prof Flor

12JULES JANICK PhD Prof Genet and Plant Brdg Fruit 12C M JONES PhD Assoc Prof Genet and Plant Brdg Veg

2S L LAM PhD Asst Prof Plant Physiol

12F O LANPHEAR PhD Prof Plant Physiol Omam

12A C LEOPOLD PhD Prof Plant Physiol 123P E NELSON PhD Assoc Prof Food Sci

23R R ROMANOWSKI PhD Assoc Prof Plant Physiol Veg

3R SCHNOCK MLA Asst Prof Ext Landsc Arch

3G H SULLIVAN PhD Asst Prof Mktg

23E CITICHELAAR PhD Asht Prof Genet and Plant Bida

13P S TRESCHMS Asst Prof Lanasc Arch

1TD WALKER MS Asst Prof Landsc Arch

Horticulture-Continued

12G F WARREN PhD Prof Plant Physiol Weeds

12T C WEILER PhD Asst Prof Plant Physiol Flor 12G E WILCOX PhD Assoc Prof Plant Nutr

3J A WOTT PhD Asst Prof Ext Hort

Library

3545

OC DUNN PhD Assoc Dir of Libr (317-749-2571) Mrs MARY M HENNEN MA Asst Life Sci Libr 1J M HOUKES MALS | Agr Econ Libr 1ANN E KERKER MSLA Vet Sci Libr

C M SCHAEVE MSLS Life Sci Libr

Statistics (Agr)

3550

25E L PARK MS Head of Dept (317-749-2429)

25W W ADAMS BS Agr Statis 25H L CASTLE MS Agr Statis

25J R GARRETT BS Agr Statis

25P D HOPKINS MS Agr Statis

25C F JAMES BS Agr Statis 25J K SANDS BS Agr Statis

25GF SMITH BS Agr Statis

Veterinary Science and Medicine, School of

3560

ADMINISTRATION

1E V MORSE DVM PhD Prof and Dean of Sch (317-749-28731

12R L MORTER DVM PhD Prof and Assoc Dean for Res of Sch (317-749-4296)

1J J STOCKTON DVM PhD Prof and Assoc Dean for Academic Affairs of Sch (317-749-3666)

1A R ALLEN MS Assoc Prof Med Illus

YMOTAKA

1M & STROMBERG DVM PhD Prot and Head of Dept (317-749-2675) **4**F J CLARK PhD 4

Assoc Prof Bioengin

12C E HENRIKSON BS MS Grad Instr Electron Micros 1E J HINSMAN DVM PhD Assoc Prof Electron Micros

12Y CHWANG BS MS Grad Instr Anat

12J M KERNS BS MS Grad Instr Histol

4E.M. SCHMITT PhD Assoc Prof Bioengin

12MICHAEL SHIVELY DVM Grad Instr Gross Anat

1J E STUMP DVM PhD Assoc Prof Gross Anat

12D C VAN SICKLE DVM PhD Assoc Prof Histol

12N J WILSMAN DVM Grad Instr Gross Anat

ANIMAL DISEASE DIAGNOSTIC LABORATORY 12W W KIRKHAM DVM PhD Prof and Head of ADDL (317-749-2740)

2A E CASTRO PhD Asst Prof Virol

2A M GALLINA DVM PhD Ass: Proi Compar Path 2RICHARD HUGHES DVM Grad Instr Compar Path

2R L LILLIE DVM Grad Instr Compar Path

2H J CI ANDER SVM PhD Prof Compar Path

2MERFILL RANCK DVM MS Assoc Prof Compar Path

2D H WALLACE DVM Instr Compar Path

2H & WINTERFIFLE DVM Prof Compar Path

CLINICS

1H E AMSTUTZ DVM Prof and Head of Dept (317-749-3741)

1J R ANNIS DVM Prof

1J SBAKERIVM Assoc Prof Large Anim Med 1J C BLAKEMORE DVM Prof Small Anim Med

1P N ROEHM DVM Asst Prof Large Anim Med

1C J CALLAHAN DVM Prof Large Anim Med 1JF FESSLER DVM MS Assoc Prof Large Anim Surg

and Med

1AM LAVIGNETTE DVM Prof Small Anim Ophthalmology

1E H PAGE DVM BS Prof Large Anim Surg and Med 1L J RUNNELS DVM Assoc Prof Large Anim Med

MICROBIOLOGY, PATHOLOGY, AND PUBLIC HEALTH 1R M CLAFLIN DVM PhD Prof and Head of Dept (317-749-2484)

12C H ARMSTRONG DVM PhD Assoc Prof Microbiol

12D G BENNETT Jr DVM PhD Assoc Prof Parasital
12A A BICKFORD DVM PhD Assoc Prof Compar Path

4THFCCCFF BUHNSTEIN DVM PhD Prof Virol

Veterinary Science and Medicine, School of-Continued

12M J FREEMAN DVM PhD Prof Immunol

4S M GAAFAR DVM PhD Prof Parasitol

12D P GUSTAFSON DVM PhD Prof Virol

12E O HAELTERMAN DVM PhD Prof Expt Path

1R K JONES DVM PhD Prof Compar Path
2C L KANITZ DVM MS Grad Instr Virol

12J E LUND DVM PhD Asst Prof Clin Path 12H E MOSES DVM MS Prof Bact

12L J ROSER DVM Grod Instr Compar Path

1L W TH CANY PhE → rot Microscol

12J F VAN VLEET DVM PhD Assoc Prof Compar Path

2MARGIE WONG BS Grad Instr Immunol

12G H ZWICKER DVM Grad Instr Compar Path

PHYSIOLOGY AND PHARMACOLOGY

1G D GOETSCH DVM PhD Prof and Head of Dept (317-749-2271)

12G D BOTTOMS PhD Asst Prof Physiol

12W W CARLTON DVM PhD Prof Physiol and Path

1J M CARTER DVM PhD Assoc Prof Metabolic Dis

12D S CORWIN BS Grad Instr Physiol

4RW HUGHES DVM PhD Assoc Prof Pharmacol

12H D JACKSON PhD Assoc Prof Biochem

12V C JAMES DVM Grad Instr Physiol

12W A KELLY DVM Grad Instr Toxicol

2J W KESTERSON DVM Grad Instr Path

12M DMcCRACKEN DVM Grad Instr Physiol

2J A McPEAK DVM Grad Instr Path

12G M NEHER DVM PhD Prof Endocrinol

10 F ROESEL DVM PhD Assoc Pr of Neurophysiol

VETERINARY SCIENCE (School of Veterinary Science and Medicine and Agricultural Experiment Station)

12R L MORTER DVM PhD Prof and Head of Dept (317-749-4296)

13K BMFYER DVM Assoc Prof (317-749-2348) Vet Ext

2B W HATCHER MS Supt of Vet Sci Form

3K M WEINLAND DVM Assoc Prof Vet Ext

Outlying Research Farms

3600

2HORACE PAARLBERG BSA Dir of Outlying Farms (317-749-2332)

2T S SPECK MS Asst to Dir of Outlying Farms

2D R GRIFFITH MS Res Ldr

Davis-Purdue Agricultural Center (PO Farmland)

2M W ALDERFER MS Supt

Lynnwood-Purdue Agricultural Center (PO Carmel)

2R C PETERSON MS Supt

Miller-Purdue Agricultural Center (PO Upland)

2D A HUBER BSA Supt

Feldun-Purdue Agricultural Center (PO Bedford) 2J R HODGES BSA Supt

Pinney-Purdue Agricultural Center (PO Wanatah

2M A MOHLER MS Supt

Southern Indiana-Purdue Agricultural Center (PO Dubois)

2R W WELLS BSA Supt

2T A EWBANK MS Res Ldr

Throckmorton-Purdue Agricultural Center (PO Lafayette R 7)

2E R BAUGH MS Supt

Laboratory for Applications of Remote Sensing (Agr and Engin) Purdue Industrial Research Park, 1220 Potter Drive, West Lafayette, Ind (317-749-3532)

3605

ADMINSTRATION

Director

1D A LANDGREBE PhD Prog Ldr Prof Circuits and Syst Theory Commun Theory and Syst (317-749-3532)

Technical Director

1R B MacDONALD BS Syst Engin (317-749-3532)

REQUIREMENTS AND APPLICATIONS PROGRAMS

12L M EISGRUBER PhD Prog Ldr Prof Decision Models and Inform Syst

Laboratory for Applications of Remote Sensing (Agr and Engin) Purdue Industrial Research Park, 1220 Potter Drive, West Lafayette, Ind (317-749-3532)-Continued BIOGEOPHYSICAL

12R M HOFFER PhD Prog Ldr Assoc Prof Spectral Data Anal and Computer Classif

12A H K AL-ABBAS PhD Soil Fert and Plant Nutr

1B H ATWELL PhD Asst Prof Geophysics

12M E BAUER PhD Res Agron Crop Yield Studies

12M F BAUMGARDNER PhD Assoc Prof Soil Fert Mgt

12JAN CIPRA PhD Res Agron Soil Classif and Surv

1R L FREDERKING BA Geol Features

12S J KRISTOF PhD Res Agron Soils Anal and Computer Mapping

1D W LEVANDOWSKI PhD Assoc Prof Mineral and Geol

IW N MELHORN PhD Prof Geol

12C B ROTH PhD Soil Chem

12J J VORST PhD Prof Crop Physiol

1T R WEST PhD Asst Prof Engin Geol and Petrography c Aggregates

12A L ZACHARY PhD Asst Prof Soil Genesis and Classit

MEASUREMENTS

1L F SILVA PhD Prog Ldr Assoc Prof Solid State Devices and Optical Imagery

1J W CLEVENGER MS Electro Optic Instruments

1G M JURICA PhD Asst Prof Phys Met

1BARRETT ROBINSON MS Electronic Instrumentation

1F V SCHULTZ PhD Prof Applications of Electromag Theory and Plasmas

DATA PROCESSING

1D A LANDGREBE PhD Dir Prog Ldr Prof Circuits and Syst Theory Commun Theory and Syst

IP E ANUTA MS Res Engin Data Syst

IKSFUPhD Prof Pattern Recognition and Automatic Artificial Intelligence Learning Syst

ISHIRLEY K HUNT AB Assoc Res Engin Data Syst 1J C LINDENLAUB PhD Assoc Prof Commun Syst

1T L PHILLIPS MS Assoc Prog Ldr Res Engin Data Syst

IW R SIMMONS BS Assoc Res Engin Data Syst 1P H SWAIN PhD Assoc Prog Ldr Res Engin Data Syst

SUPPORT PROGRAMS

12C J JOHANNSEN PhD Res Agron Soils 12GRETCHEN M HILL MS Tech Ed

12R P MROCZYNSKI MS Res For Photo Interpret

AWOI

The College of Agriculture, the Agriculture and Home Economics Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the Iowa State University of Science and Technology, Ames 50010 (Main tel 515-294-4111)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6Coop USDI 7Miscellaneous 9A-TF, M-S Program

3610

IW R PARKS PhD Pres of Univ

1239FLOYD ANDRE PhD Dean of Col of Agr Dir of Sta (Tel 515-294-2518)

3M A ANDERSON PhD Dean of Univ Ext Dir of Coop Ext Serv (Tel 515-294-4576)

2J P MAHLSTEDE PhD Assoc Dir of Sta (Tel 515-294-4762)

IL M THOMPSON PhD Assoc Dean of Col of Agr (Tel 515-294-6614)

2S A ENING PhD Asst Dir of Sta (Tel 515-294-4762) 2Mrs HELEN L HILTON PhD Asst Dir of Sta (515-294-5980)

12K J FREY PhD Acting Dean of Grad Col (515-294-

Agriculture Staff Services 3620 Agronomy-Continued 12^F M SHIBLES PhD Prof Crop Physiol and Prod 1J M ALEXANDER MS Assoc Prof Mgr Fdn Farms 12W D SHRADER PhD Prof Soil Mgt 23R R BEAN Admin Asst 123EO HEADY PhD DSc Dist Prof in Agr and Exec Dir 25W H SKRDLA PhD Prof Crop Prod New Crops 1D L. STAMP MS Instr Crop Prod of Center for Agr and Econ Devlpm.t 1J A STRITZEL PhD Prof Soil Fert 2M A TABATABAI PhD Assoc Soil Biochem Agronomy 3630 3H E THOMPSON PhD Prof Crop Prod 123J T PESEK PhD Prof and Head of Dept (515-294-1360) 2W H ALLEN Jr MS Assoc Soil Classif 1L M THOMPSON PhD Prof Soil Fert 3MINORU AMEMIYA PhD Assoc Prof Soil Mat 1F R TROEH PhD Asst Prof Soil Classif 2R RVAN LERFLOEG MS Assoc Soil Phys 21 CANDERSON PhD Prof Crop Physical and Prod 2H C VAUGHAN MS Asst Prof Climatol 12R E ATKINS PhD Prof Plant Brdg 2D J BAKER MS Assoc Plant Brdg 3G O BENSON MS Assoc Crop Prod 2A O BERNAL BS Assoc Soil Mat 3R D VCSS PhD Prof Soil Fert 25P J WAITE MS Collab Climatel 2F J WALSH MS Plant Brdq
2J R WEBB PhD Assoc Prof Soil Fert
12W F WEDIN PhD Prof Pasture Mgt 2W G BIGGS PhD Asst Prof Climatol

12C A BLACK PhD Dist Prof Soil Chem 12J M BREMNER PhD Prof Soil Biochem
2J R BURFORD PhD Assoc Soil Biochem 1D K WHIGHAM MS Instr Crop Prod 12D G WOOLLEY PhD Prof Crop Prod 2D T BURMOOF MS Assoc Crop Phys
2I T CARLSON PhD Assoc Prof Plant Brdg 2B K WORCESTER MS Assoc Soil Classif 12D N YARGER PhD Asst Prof Climatol 25R L CLARK PhD Assoc Prof Path New Crops 2A M CONJE MS Plant Brdg 2W J DAHNEN PhD Assoc Crop Phys 2C J DEMOOY PhD Asst Prof Soil Fert Animal Science and Dairy Science 3640 123L N HAZEL PhD Dist Prof in Agr and Head of Dept (515-294-2160) 25A F DODGE BS Collab Crop Prod New Crops 123C F FOREMAN PhD Prof in Chg of Dairy Sci 2L A DOUGLAS BS Assoc Soil Chem 2L C DUMENIL PhD Assoc Prof Soil Mgt 2L L ANDERSON PhD Assoc Prof Physiol and Reprod 12D C BEITZ PhD Asst Prof Dairy Sci 3PEX BERESFORD BSA Prof Emeritus Beef Cattle 3E R DUNCAN PhD Prof Soil and Crop Mgt 2E J DUNPHY MS Assoc Soil Fert 1J L BERGKAMP BS Instr 25S A EBERHART PhD Prof Quantitative Genet and 1P O BRACKELSBERG PhD Asst Prof Beef Brdg Plant Brdg 14 E BURRCUGHS PhD Prof Ruminant Nutr 12L L CHRISTIAN PhD Assoc Prof Swine 3KALJU EIK PhD Assoc Soil Fert 2J C ELDREDGE PhD Assoc Prof Plant Brdg
2A J ENGLEHORN MS Asst Prof Soil Mgt 2C C CULBERTSON MS Prof Anim Prod 2W E FALCK MS Assoc Crop Prod 2W R FEHR PhD Assoc Prof Plant Braa 3R C deBACA PhD Prof Anim Brdg 3B R EASTWOOD PhD Asst Prof Dairy Brdg 12R C EWAN PhD Asst Prof Swine Nutr 2S A F.WING PhD Prof Anim Sci Beef Cattle 2T EFENTON PhD Assoc Prof Soil Classif 25C S FISHER BS Collab Soil Classif
12L R FREDERICK PhD Prof Soil Microbiol 12A E FREEMAN PhD Prof Dairy Brda 3M R GEASLER PhD Asst Prof Ruminant Nutr 12K J FREY PhD Dist Prof Plant Brdg 1J N GLI NN BS Instr 2J L GEADELMANN BS Assoc Plant Brdg 12J R GEORGE PhD Asst Prof Plant Brdg 12D E GOLL PhD Prof Meats 1E H HAYNES PhD Assoc Prof Anim Nutr 2GW GOGAN MS Assoc Soil Fert 12D E GREEN PhD Prof Plant Erdg
2A F GRONEMAN MS Assoc Prof Soil Fert 3J B HERRICK DVM MS Prof Vet Med 3H H HODSON PhD Asst Prof Swine
12M P HOFF MAN PhD Asst Prof Anim Prod 25A R HALLAUER PhD Prof Plant Brdg 23J J HANWAY PhD Prof Soil Fert
25J D HIGHLAND BS Collab Soil Classif
12C F HODGES PhD Asst Prof Turf Mgt 12N L JACOBSON PhD Dist Prof in Agr Dairy Nutr 1M H JURGENS PhD Asst Prof Nutr 1J J KISER MS Assoc Prof Horses 12E A KLINE PhD Prof Meats 2C D HUTCHCROFT PhD Assoc Prof Seed Certif 2F T ISMAIL PhD Assoc Soil Chem
25J L JARVIS PhD Assoc Prof Ent New Crops 1W F LaGRANGE MS Prof Livestock 12J L LUSH PhD Dist Prof in Agr Anim Brdg 12A D McGILLIARD PhD Assoc Prof Dairy Nutr 12DON KIRKHAM PhD Dist Prof Soil Phys 12R M MELAMPY PhD Prof Anim Physiol and Reprod 30 A KNOTT MA Asst Prof Crop Prod 2P K LAWRENCE BAgSc Assoc Plant Brdg 12A E MOLLN BS Admin Asst and Swine Brdg 3D K NELSON PhD Asst Prof Dairy Nutr 12J L MALCOLM MS Plant Brdg 2N P MARTIN MS Assoc Forage Mgt 2H L McKIM MS Assoc Soil Classif 12F C PARRISH Jr PhD Assoc Prof Meats 12J B PETERS PhD Asst Prof Physiol and Reprod 123A R PORTER MS Prof Dairy Sci 2R D MEYER MS Assoc Soil Fert 3R E RUST MS Assoc Prof Meats 23H L SELF PhD Prof Livestock 2E L MILLER MS Assoc Soil Mgt 2J J MOCK PhD Asst Prof Plant Brdg 12P S SHEARER MS Prof Anim Sci 25W C MOLDENHAUER PhD Prof Soil Mgt 2R P NICHOLSON BS Asst Prof Soil and Crop Mgt
25R G PALMER PhD Collab Plant Brdq 12D G SIERS PhD Asst Prof Anim Brdg 12J A SIMS PhD Prof Dairy Cattle 3M L SPEAR DVM Assoc Prof Vet Med 12V C SPEER PhD Prof Swine Nutr 2A PATANOTHAI BS Ass∞ Plant Brdq 12R B PEARCE PhD Asst Prof Crop Phys **3**E J STEVERMER Pht: Assoc Prof Swine 25L H PENNY PhD Prof Plant Brdg 12M H STROMER PhD Asst Prof Meats 12P A PETERSON PhD Prof Cytogenet and Plant Brdg 12W H PIERRE PhD Prof Soil Fert 3N L POWELL M3 Assoc Soil Phy: 23GM THOM ON PED Asst Frot Comp 12D G TOPEL PhD Assoc Prof Meats 12A H TRENKLE PhD Assoc Prof Ruminant Nutr 12C L PRIOR BS Instr Plant Brdq
12F F RIECKEN PhD Prof Soil Classif
2J L ROBINSON PhD Prof Seed Certuf
12W A RUSSELL PhD Prof Plant Brdq 12BL VETTER PhD Assoc Prof Rummant Nutr
3D E VOELKER MS Prof Pairy Cattle
1D R WARNER PhD Assoc Prof Sheep
3B F WHITMOPH BS Assoc Dy Sci 1J W SCHAFER Jr PhD Asst Prof Soil Sci 3F W SCHALLER PhD Prof Soil and Crop Mgt
12W H SCHOLTES PhD Prof Soil Classif 3T W WICKERSHAM MS Assoc Prof Sheep

12R L WILLHAM PhD Assoc Prof Anim Brdg
1DBWILLIAMS MS Instr
1W WWUNDER PhD Asst Prof Anim Brdg

12A D SCOTT PhD Prof Soil Chem 12R H SHAW PhD Prof Climatol

AWOI 3640-3710

Animal Science and Dairy Science-Continued

2J W YOUNG PhD Assoc Prof Dairy Sci 12D R ZIMMERMAN PhD Assoc Prof Swine Nutr

3W G ZMOLEK MS Prof Beef Cattle and Mktg

3650

2W R LOCKHART PhD Prof and Chmn of Dept (515-294-1630)

2R E BUCHANAN PhD Prof Taxon 12P A HARTMAN PhD Prof Microbiol Proc

Biochemistry and Biophysics

3660

12DEXTER FRENCH PhD DSc Prof and Chmn of Dept (515-294-6116)

12R J ACKERMAN MS Assoc Biochem 12H J FROMM PhD Prof Enzymol 12D J GRAVES PhD Prof Enzymol

12W R HEARN PhD Assoc Prof Metabolism
7J HCROWITZ PhD Assoc Prof Molec Biol

12J D IMSANDE PhD Assoc Prof Molec Genetics

2A L JENNINGS PhD Assoc Biochem

15P A REBERS PhD Assoc Prof Polysac Immunochem

12J F ROBYT PhD Asst Prof Enzymol
12J A THOMAS PhD Asst Prof Molec Biol and Enzymol

12C L TIPTON PhD Assoc Prof Lipids

2T WATANABE PhD Assoc Biochem

2C WEATHERSBEE PhD Assoc Blochem

12B J WHITE PhD Asst Prof Biochem
2N YADAGIRI PhD Assoc Biochem

Botany and Plant Pathology

3670

123F G SMITH PhD Prof and Head (515-294-3522)

1J M AIKMAN PhD DSc Prof (Emeritus) Ecol

2I C ANDERSON PhD Prof Crop Physiol and Prod

2A L BAKKE PhD Prof (Emeritus) Weed Invest

12J A BROWNING PhD Prof Cereal Dis

12J S BURRIS PhD Asst Prof Seed Tech

25J M DUNLEAVY PhD Prof Soybean Dis

3A H EPSTEIN MS Asst Prof Pesticide Safety

3L E EVERSON PhD Prof Seed Tech

2D C FOLEY PhD Assoc Prof Com Dis

12R E FORD PhD Prof Virol

2H THORNER PhD Assoc Prof Cytol

2DUANE ISELY PhD Prof Taxon 2N R LERSTEN PhD Prof Anat

2W E LOOMIS PhD Prof (Emeritus) Physiol

12C A MARTINSON PhD Assoc Prof Root Dis

12H S McNABB Jr PhD Prof Tree Dis

2D C NORTON PhD Prof Nematol

2R W POHL PhD Prof Taxon

5M D SIMONS PhD Prof Oat Dis 2D W STANIFORTH PhD Prof Weed Invest

3E P SYLWESTER PhD Prof Weed Invest

5HIDEO TACHIBANA PhD Collab Soybean Dis

5J R WALLIN PhD Prof Epidemiol

Food Technology

3680

123V H NIELSEN PhD Prof and Head of Dept (515-294-3011)

12E W BIRD PhD Prof Food Tech and Biochem

12E GHAMMOND PhD Prof Food Tech and Biochem

2A A KRAFT PhD Assoc Prof Food Tech and Bact

3W S LaGRANGE PhD Assoc Prof Food Tech

1R VOGDEN MS Instr Food Tech

12G W REINBOLD PhD Prof Dairy Bact

1WS FCSENBERGER BS Assoc Prof Food Tech

3A W BUDNICK BS Prof Food Tech

12H E SNYDER PhD Prof Food Tech and Biochem

12M H STROMER PhD Assoc Prof Food Tech and Biochem
12H W WALKER PhD Prof Food Tech and Bact

3E O WRIGHT MS Assoc Prof Food Tech

Economics (Agr)

123K A FOX PhD Dist Prof and Head of Dept (515-2940-6740)

3J R AHRENHOLZ MS Assoc Ext Spec Farm Mgt

5K FALTMS Assoc Prod Econ

12E K BAKER MS Assoc Land and Water Econ

12A G BALL PhD Prof Farm Mgt and Prod Econ

123C P BAUMEL PhD Prof Bus Mgt

Economics (Agr)-Continued

12R R BENEKE PhD Prof Farm Mgt and Prod Econ

3L J BODENSTEINER MS Asst Prof Ext Ldr Farm Mgt

2R W CROWN MS Assoc Prod Econ 12P D DOAK PhD Assoc Prof Mktg

3E W ELDRIDGE PhD Prof Public Affairs and Area Devlpmt

2J A FEDELER BS Assoc Prod Econ

12L B FLETCHER PhD Prof Mktg

23G A FUTRELL PhD Assoc Prof Outlook and Econ Inform

3DM GET MS Assoc Ext Spec Farm Mat

3C P GRATTO PhD Assoc Prof Public Affairs
3D H HAMMOND PhD Asst Prof Ext Spec Res Devlpmt

2J D HANSON MS Assoc Mktg

2S H HARGROVE MS Assoc Prod Econ

123N E HARL PhD Prof Resource Econ

2G A HARFISON MS Assoc Frod Econ

123E O HEADY PhD Dist Prof Prod Econ

2R W HEXEM MS Assoc Prod Econ

3H B HOWELL MS Prof Farm Mgt

3P P HUFFERDMA Assoc Ext Spec Farm Mgt

2J J JACOBS MS Assoc Land and Water Econ 12S C JAMES PhD Assoc Prof Farm Mgt and Prod Econ

3M G JULIUS PhD Assoc Prof Indus Econ

12D R KALDOR PhD Prof Agr Policy

3A G KILBOURN MS Assoc Ext Spec Bus Mgt

2A P KLEINMAN MS PD Assoc Prod Econ

3L GKRAL BS Assoc Ext Spec Farm Mgt

12G M LADD PhD Prof Dairy and Poultry Mktg

2H C MADSEN MS Assoc Prod Econ 3R C MAXON PhD Assoc Prof Consum Mkta

2L V MAYER PhD Asst Prof Prod Econ

2R J MIKES MS Assoc Mktg

12W G MURRAY PhD Prof Agr Finance

3R J NANNEMAN MS Assoc Ext Spec Res Devlpmt

12H A NOREM BS Assoc Prod Econ

3W E OGG PhD Prof Public Affairs

5R R PAUL MS Collab Prod Econ

12A A PAUL SEN PhD Prof Agr Policy

3E D PETERSON MS Assoc Ext Spec Farm, Mgt

3R G POUNDS BS Asst Prof Welfare Econ 3T R POWELL MS Assoc Ext Spec Farm Mat

3A P RAHN MS Assoc Mktg

2D E RAY BS Assoc Prod Econ 3C E RICH MS Assoc Ext Spec Res Devlpmt

123FRANK ROBOTKA MS Prof Coop

2K D ROGERSMS Assoc Prod Econ

5P E ROSENBERRY MS Collab Land Econ

12J T SCOTT PhD Prof Mktg

23J M SKADBERG PhD Asst Prof Livestock Mktg

5R B SMITH BS Collab Prod Econ

2A I STCECKERMS Assoc Prod Econ

3E G STONEBERG MS Prof Farm Mat

3J R STRAIN PhD Prof Dairy and Poultry Mktg

23S H THOMPSON PhD Prof (Emeritus) Livestock Mktg

12J F TIMMONS PhD Prof Land Econ

3L D TREME MS Assoc Ext Spec Farm Mgt
3% J TURNER BS Assoc Ext Spec Farm Mgt
1J J WALLACE BS Prof Farm Mgt

3R N WISNER PhD Asst Prof Outlook and Econ Inform

Agricultural Education

3700

1C E BUNDY MS Prof and Chmn of Dept (515-294-5376)

1J F BENDIXEN PhD Instr 1H R CRAWFORD PhD Assoc Prof Farm Oper

1T A HOERNER PhD Assoc Prof Agr Engin

12A A KAHLER PhD Asst Prof 1J B McCLELLAND PhD Prof 1W L WYATT MS Asst Prof

Engineering (Agr)

3710

123C W BOCKHOP PhD Prof and Head of Dept (515-294-1434)

1W R ANDERSON MS Asst Prof Constr and Maint

3J AVEY BS Assoc Midwest Plan Serv

2G E AYRES MS Assoc Power and Mach 12C E BEER PhD Assoc Prof Soil and Water

1C J BERN MS Instr Elec Power and Proc

3710-3750 AWOI

Engineering (Agr)—Continued

1M M BOYD MS Instr Power and Mach

1H E BREECE MS Instr Constr and Maint

12W F BUCHELE PhD Prof Power and Mach
2K L CAMPBELL MS Assoc Soil and Water
12L F CHARITY PhD Prof Elec Power and Proc
12HENRY GIESE MS Prof Farm Structures

1H E HANSEN BS Instr Constr and Maint

1C W HANSON Instr Constr and Maint

12T E HAZEN PhD Prof Farm Structures
3H J HIRNING MS Assoc Power and Mach

1T A HOERNER PhD Assoc Prof Constr and Maint

1H HCCF BS Instr Constr and Maint

2A D HULL BS Assoc Asst Mgr in Farm Service 3D O HULL MS Prof Power and Mach

12H P JOHNSON PhD Prof Soil and Water

5G L KLINE MS USDA Collab Crop Condition and St**or**age

1J M LAFLEN MS USDA Collab Soil and Water

25W G LOVELY BS Collab Power and Mach

12D% MANGOLD PhD Assoc Prof Farm Structures

2A R MANN BS Assoc Farm Structures

12S J MARLEY PhD Assoc Prof Power and Mach

3S W MELVIN PhD Asst Prof Soil and Water

3V M MEYER MS Assoc Prof Elec Power and Proc

12 I RMINES PhD Asst Prof Farm Structures

12V J MORFORD MS Prof Constr and Maint

2R P NICHOLSON BS Asst Prof Soil Mech and Engin

2R A NORTON BS Assoc Crop Condition and Storage 1D B PALMER PhD Assoc Prof Soil and Water

3J H PEDERSEN PhD Prof Midwest Planning Serv

1G R QUICK BS Assoc Power and Mach 2W F RITTER BS Assoc Soil and Water

3F W ROTH MS Assoc Prof Farm Structures

25R A SAUL MS Assoc Prof Crop Condition and Storage

2FJ SMITH MS Assoc Farm Structures 5L H SODERHOLM MS USDA Collab Elec Power and

Proc

3L D VAN FOSSEN MVEd Assoc Prof Crop Condition ana Storage

1J I WARNER BS Instr Soil and Water

3T L WILLRICH PhD Prof Soil and Water

Extension 3720

ADMINISTRATION

3M A ANDERSON PhD Dean Univ Ext Dir Coop Ext Serv (Tel 515-294-4576)

123FLOYD ANDRE PhD Deam of Col of Agr Dir of Sta (Tel 515-294-2518)

3C E DONHOWE MS Asst Dean Univ Ext Asst Dir Coop Ext Serv

3C J GAUGER MS State Leader 4-H and Ext Youth Prog

3L R KOLMER PhD Asst Dean Univ Ext Dir Coop Ext Serv

3LOUISE ROSENFELD BS Asst Dir State Ldr Home Econ Ext

3D G SIMPSON BS Asst to Dir Pers

3M W SOULTS BS Asst Dir Admin Mgt

3H E WALTER BA Ext Admin Asst

SUPERVISION

3J C ALMQUIST MS Area Ext Dir 3G E BOEHNKE MS Area Ext Dir

3A T GOETTSCH MS Area Ext Dir 3R B HEGLAND MS Area Ext Dir

3R D IVERSON MS Area Ext Dir 3W J JOHNSON MS Area Ext Dir

3G W KUIPER BS Area Ext Dir

3W E LINSTROM MA Area Fxt Dir 3R D MUNSTER PhD Area Ext Dir

3L M REID MEd Area Ext Dir 3T A ROBB MS Area Ext Dir

3R L SWENSON MS Area Ext Dir

HOME ECONOMICS PROGRAM

3Mrs BERNICE BATESON MS Dist Ldr 3Mrs MILDRED B RYAN MS Dist Ldr

3Mrs GERTRUDF SMITH MS Dist Ldr

3Mrs MARGARET YODER MS Asst State Ldr

Extension-Continued

4-H and Youth Program

3MARIE BISHOP MS Asst State Ldr 3S V DAVIDSON MS Asst State Ldr

3RAMONA L ESBECK MS Dist Ldr

3H E GEIGER MS Dist Ldr 3M S KRAMER MEd Asst State Ldr

3G O THOMPSON BS Ext Spec Recreation

3ESTHER WHETSTONE MS Asst State Ldr

Courses and Conferences

3GEORGE EBERT MS Leader

Forestry

123H H WEBSTER PhD Prof and Head of Dept (515-294-1166)

1D W BENSEND PhD Prof Wood Tech

5F DICKSON PhD Collab For Biol

5R F FINN PhD Assoc Prof For Tree Physiol

5J C GORDON PhD Assoc Prof For Biol

3A E GRAFTON MS Ext For

12F S HOPKINS Jr PhD Assoc Prof For Econ

12 J R McBRIDE PhD Asst Prof For Biol
5R A McQUILKIN MF Collab For Soils
12 J C MEADOWS PhD Asst Prof For Econ

1DEWITT NELSON BS Prof Recreation Resource Mgt
123D R PRESTEMON PhD Assoc Prof For Prod

1G W THOMSON PhD Prof For Mgt

12K D WARE PhD Prof For Mensuration

3740 Genetics

12W J WELSHONS PhD Prof and Head of Dept (515-294-39081

12A G ATHERLY PhD Asst Prof Molecular Genet 12E B DOERSCHUG PhD Asst Prof Plant Genet

12W F HOLLANDER PhD Prof Anim Genet

12J D IMSANDE PhD Assoc Prof Molecular Genet
12W J MILLER PhD Assoc Prof Anim Genet

12D S ROBERTSON PhD Prof Plant Genet

5KIYOSHI SADANAGA PhD Prof Plant Genet

Home Economics 3750

12Mrs HELEN L HILTON PhD Dean of Col of Home Econ, Asst Dir Agr and Home Econ Expt Sta (515-294-5980)

1Mrs JULIA F ANDERSON MS Assoc Dean of Col of Home Econ (515-294-5981)

12MARGUERITE SCRUGGS PhD Asst Dean of Col of Home Econ (515-294-5982)

13WILMA D BREWER PhD Prof and Head of Food and Nutr (515-294-4432)

13R W COULSON PhD Prof and Head of Child Develomt (515-294-3040) 13MARJORIE K McKINLEY PhD Prof and Head of Inst

Mat (515-294-1730) 13R C POWERS PhD Prof and Head of Fam Environ (515-

13MARGARET C WARNING PhD Prof and Head of Text and Cloth (515-294-2628)

13CLAIR B WATSON MFA Prof and Head of Applied Art (515-294-6724)

3CAROL ANDERSON MS Asst Prof Child Develomt 12LOTTE ARNRICH PhD Prof Food and Nutr

3T A BEATTIE MS Asst Prof Inst Mgt

294-6316)

3Mrs JUNE C BROWN BS Asst Prof Applied Art 12FRANCES CARLIN PhD Prof Food and Nutr

17Mrs ERCEL S EPPRIGHT PhD Prof Food and Nutr

12PILAR GARCIA PhD Assoc Prof Food and Nutr

3GORDON GEDDES MS Instr Child Develomt

3Mrs KAREN B HULL MS Instr Fam Environ

3LOIS ANN INGELS MS Asst Prof Text and Cloth 1LYDIA INMAN PhD Prof and Coord Col of Home Econ

12MARY AKENNEY PhD Assoc Prof Food and Nutr

12ELEANCRE KCHLMANN PhE Prof Home Econ Educ 12MARGARET LISTON PhD Dist Prof Fam Environ

3Mrs PAULINE MAIRS MS Asst Prof Food and Nutr

3PHYLLIS OLSON MS Assoc Prof Food and Nutr 12DAMARIS PEASE PhD Dist Prof Child Devlpmt

12Mrs MARY S PICKETT PhD Prof Fam Environ

124CHARLOTTE RODERUCK PhD Prof Food and Nutr

3750-3820 IOWA

Home Economics-Continued

12W S RUNYAN PhD Asst Prof Food and Nutr 3NACMI D SHANK BS Assoc Prof Fam Environ 12GEITEL WINAKOR PhD Prof Text and Cloth

3760

123E L DENISEN PhD Prof and Chmn of Dept (515-294-

1R J BAUSKE PhD Asst Prof Flor

2A R BECK BS Assoc Ornam and Veg

12G J BUCK PhD Assoc Prof Flor

3J A COOK PhD Prof Hort (PO Council Bluffs)

3A E COTT MS Prof Fruit Crops and Turf

12C W HEUSER PhD Asst Prof Hort Physiol 12C F HODGES PhD Asst Prof Turf

12J D KELLEY PhD Assoc Prof Ornam

12J P MAHLSTEDE PhD Prof Ornam

1H E NICHOLS MS Prof Fruit Crops

23L E PETERSON BS Supt Veg (PO Fruitland)

12B S PICKETT MS Prof Fruit Crops

12M L ROBBINS PhD Asst Prof Hort Brdg

23C H SHERWOOD PhD Assoc Prof Flor

2F. J STANG MS Assoc Fruit Crops

3B F VANCE BS Assoc Prof Ornam and Veg

1E C VOLZ MS Prof Flor

12J L WEIGLE PhD Assoc Prof Ornam and Veg

Information Service

123CARL HAMILTON BS Prof and Vice Pres for Inform and Devlpmt (515-294-6136)

4D M BANNISTER BS Assoc Prof and Asst Ext Ed

3C L BENN Instrand Ext Photog

3G T BRANDSBERG MS Instrand Asst Ext Ed

2C J DEUTSCH Assoc and Sta Photog

23MARION F. DWELLE BA Asst Prof and Asst ExtEd

2ANNA L HAIRE BS Ass∞

3Mrs VIRGINIA HARDING BS Instrand Asst Ext Ed

3LOUISE A HAUG BA Pub Asst

2J F HEER MS Assoc Prof and Expt Sta Ed

3J C HERMAN MS Asst Prof and Asst Ext Ed

3Mrs KAY M HOLMBERG BS Instr and Asst Ext Ed

3D CANDACE HURLEY BS Assoc Prof and Assoc Ext Ed

13K R KERN PhD Prof and Ext Ed 3H L KOOSER BS Asst Prof Vis Instr

3P L LEM BFA Asst Prof and Ext Vis Planner

3D V McGINNIS BS Asst Prof and Mktg News Ed (Radio and TV)

3D L NELSON MS Asst Prof and Asst Ext Ed

3E L REISETTER BS Assoc and Asst Ext Ed 23R L SCOTT Assoc and Staff Artist

23C M SIMON BS Assoc Prof and Mgr Pub

3L E THOMPSON MS Assoc Prof and Assoc Ext Ed

12DAVID R VYVERBERG BS Assoc and Staff Artist 23 J A WALLIZE Jr MS Associand Asst Ext Ed and Ed

Farm Sci

3D R WILLIAMS BS Assoc Prof and Assoc Ext Ed

3D J WISHART MS Instrand Asst Ext Ed

Journalism and Mass Communication 3780

1 J W SCHWARTZMS $\,$ Prof and Head of Dept (515-294-4340)

1M E BAILEY MS Ass∞ Prof Ed

1E G BLINN MS Assoc Prof News Ed

1DALE E BOYD MS Instr News Editorial

IC G BRATTON MS Asst Prof Advertising

1J ACPOCK MA Rep H S and Comm Collab Journalism

IFL DISNEY BA Assoc Prof Writing IR P FASSEL MS Asst Prof Ed

1RODNEY FOX MS Prof Journalism

1K H FRIEDERICH MS Asst Prof Internatl Comm and Graphics

1J K HVISTENDAHL PhD Assoc Prof Ed Writing Res

1R C JOHNSON MS Asst Prof Photog

1W F KUNERTH MSJ Assoc Prof Rep and Advertising

1K RMARVIN MS Prof Journalism

1SUSAN MENNEMA Asst Prof Rep Advertising 1J L NELSON MA Asst Prof Rep Sci Comm Res

1LA RUE POLLARD MS Asst Prof Rpt Writing

1J F SHELL EY BJ Prot (Radio and TV)

1J P YAFBROUGH PnD Asst Prof Journalism Res

Landscape Architecture

1T A BARTON MLA Prof and Head of Dept (515-294-5676)

1R W DYAS MLA Prof Landsc Arch

1R R HARVEY MLA Prof Landsc Arch

1K F LANE MLA Assoc Prof Landsc Aren 1W A MALONE MS Assoc Prof Urban Planning

3JE OLSON BS Asst Prof Landsc Arch

1F W OSGOOD MCP Assoc Prof Urban Planning

3B A PARKS BS Asst Prof Community Planning and Devlomt

1J M. ROBERTS BS - Asst Prof Landse Arch

1R F SALE MCP Asst Prof Urban Planning

1J B SINATRA MLA Asst Prof Landsc Arch

Poultry Science

3770

3800

123W W MARION PhD Chmn of Dept and Prof Food Technol (515-294-2570)

12S L BALLOUN PhD Prof Nutr

2DM BRIGGSMS Assoc Gene:

3L Z EGGLETON MS Prof Ext Mktg

3C D LEE DVM MS Prof Vet Med-Poultry Path

12A W NORDSKOG PhD Prof Genet

3W J OWINGS PhD Assoc Prof Ext Nutr

Sociology and Anthropology

3805

123G M BEAL PhD Prof and Chmn of Dept (515-294-6480)

12A L BASHOR MS Instr Rural Social

12D BASHORMS Assoc Adoption-Diffusion

12J M BOHLEN PhD Prof Cultural Diffusion

2R BROOKS MS Assoc Develort

12G L BULTENA PhD Assoc Prof Natural Resource Devlpmt

2MARY K DAVIS BS Assoc Community

2D DUNCAN MS Assoc Social Psychology

3A H JOHNSON MS Assoc Commun Devlpmt

12G E KLONGLAN PhD Assoc Prof Commun

12G M LUTZ MS Assoc Commun 2S PADGITT MS Assoc Commun

2S K PAULSON MS Assoc Complex Organ

12D RODGERS Asst Prof Complex Organ

2P SCHMITZ MS Assoc Complex Organ
3J L TAIT PhD Asst Prof Commun Devlpmt

12R D WARREN PhD Assoc Prof Sociol Methods

12J P YARBROUGH PhD Asst Prof Commun

3B YEP PhD Asst Prof Urban Develomt

12D R YOESTING PhD Asst Prof Recreation and Leisure

Statistics 3810

12T A BANCROFT PhD Prof and Head of Dept Anal Statis, Estim and Testing, Theory of Statis Inference (515-294-3440)

12H D BAKER MS Asst Prof Sampling, Surv Methods

12D FCCX PhD Prof Anal Statis Design and Anal

12W A FULLER PhD Prof Anal Statis Econometrics Sampling

12DK HOTCHKISS PhD Prof Anal Statis Design and Anal 12OSCAR KEMPTHORNE ScD Prof Design and Anal Theory of Statis Inference Pop Studies

12EDWARD POLLAK PhD Assoc Pr of Anal Status Genet Statis

125N V STRAND MS Prof Sampling Surv Methods

Veterinary Medicine

3820

1R L KITCHELL DVM PhD Dean of Vet Med Dir Vet Med Res Inst (515-294-1242)

1E E WEDMAN DVM PhD Ass∞ Dir Vet Med Res Inst (515-232-5723)

2M L FREY DVM PhD Assoc Prof Microbiol and Prev Med Vet Med Res Inst

IROBERT GETTY DVM PhD Prof and Head of Anat (515-294-5314)

3J B HERRICK DVM MS Prof Vet Obstet

1M S HOFSTAD DVM Prof Microbiol and Prev Med Vet Med Res Inst

IM L KAEBERLE DVM PhD Prof Micropiol and Prev Med

3C D LEE DVM MS Prof Microbiol and Prev Med

1R A PACKER DVM PhD Prof and Head of Microbiol and Prev Med

Veterinary Medicine-Continued

- 1F K RAMSEY DVM PhD Prof and Head of Path (515-294-1246)
- 1R F ROSS DVM PhD Assoc Prof Microbiol and Prev Med Vet Med Res Inst
- IV A SEATON DVM MS Prof Path and Head of Diagnostic Lab (515-294-1950)
- 3M L SPEAR DVM Assoc Prof Vet Med and Surg Vet Med Res Inst
- 1M J SWENSON DVM PhD Prof and Head of Vet Physiol and Pharmacol (515-294-2440)
- 2W P SWITZER DVM PhD Prof of Vet Microbiol and Prev Med Vet Res Inst
- 1W M WASSDVM PhD Prof and Head of Vet Clin Sci (515-294-1500)

Zoology and Entomology

3830

1230 E TAUBER PhD Prof and Chmn of Dept Compar Physiol (515-294-3316)

123FLOYD ANDRE PhD Prof Ent Econ

12R W BACHMANN PhD Assoc Prof Limnol

25T A BRINDLEY PhD Prof Ent Econ

1RV BULKLEY PhD Assoc Prof Fish B₁ol 1BW BUTTREY PhD Prof Zool Protozool

12K D CARLANDER PhD Prof Wildlife Fisheries

12P A DAHM PhD Prof Ent Toxicol

1D R GRIFFITH PhD Assoc Prof Physiol

3H L GUNDERSON PhD Prof Ent Ext

25% D GUTHRIE PhD Assoc Prof Ent Genet 26A O HAUGEN PhD Prof Wildlife

1E A HICKS PhD Prof Zool Acarol

5JEROME KLUN PhD Collab Ent and Biochem

1H H KNIGHT PhD Prof Ent Syst

12J L LAFFOON PhD Prof Ent Syst

12R E LEWIS PhD Assoc Ent Morphol and Ent Syst

1BRUCE W MENZEL Asst Prof Ichthyol 3P B MOORMAN PhD Prof Wildlife Ext

6R J MUNCY PhD Assoc Prof Fisheries

1J A MUTCHMOR PhD Assoc Prof Ins Physiol

12L P PEDIGO PhD Asst Prof Ent Econ

12DCPETERS PhD Prof Ent Econ 12M PETERSEN PhD Asst Prof Mammal Zool

12W A RCWLEY PhD Assoc Prof Med Ent

1K C SHAW PhD Asst Prof Zool Behavior

3H J STOCKDALE PhD Assoc Prof Ext

1M J ULMER PhD Prof Zool and Ent Helminthol

12M W WELLER PhD Prof Ornithol 1L WING PhD Asst Prof Crinthol

KANSAS

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of Kansas State University, Manhattan 66502 (913-532-6011)

1Callege Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 9A-TR, M-S Program

3840

1J A McCAIN EdD LLD Pres (913-532-6222)

14G H BECK PhD Vice Pres for Agr (Nigeria)

129F W SMITH PhD Actg Vice Pres for Agr and Dir Agr Expt Sta (913-532-6531)

2K A HUSTON PhD Asst Dir Agr Expt Sta (913-532-

3R A BOHANNON PhD Dir of Ext (913-532-6881)

12C V HESS PhD Dean Col of Agr and Assoc Dir Agr Expt Sta (913-532-6581)

1D D BEATTY MS Bus Mgr (913-532-6226) 12LOWELL BRANDNER PhD Expt Sta Ed (913-532-6531)

1F R CARPENTER PhD Asst Dean Col of Acr (913-532**-6**581)

12G R DODGE BS CPA Asst Prof and Admin Asst (913-532-6531)

3P W GRIFFITH PhD Assoc D_{IF} of Ext (913-532-6881)

3E J PETERSON BS Asst Dir of Ext (913-532-6191)

Agronomy

120 W BIDWELL PhD Prof Soil Surv and Acting Head of Dept (913-532-6161)

5D V ARMBRUST MS Instr Wind Erosion Lab

25C H ATKINSON MS Assoc Prof Soil Surv (PO Concordia)

2M C AXELTON BS Asst Prof in Chg of Southwest Expt Field (PO Minneola)

12F L BARNETT PhD Assoc Prof Grass Brdg

3F G BIEBERLY MS Prof Crops and Soils

5S A BCWERS MS Instr Wind Erosion Lab

2L J BRUN BS Res Asst Soil Phys

2L A BURCHETT BS Instr in Chg of North Central Expt Fields (PO Belleville)

2L G CAMPBELL, MS Res Asst Small Grain Brdg

15A J CASADY PhD Prof Sorghum Brdg

2W J CROOK MS Res Asst Sorghum Brdq 34D D DICKEN MS Asst Prof Crops and Soils (PO Powhattan) (India)

5) D DICKERSON MS Instr Wind Erosion Lab

5L A DISRUD BS Instr Wind Erosion Lab2B J EATON MS Instr Marijuana Res

3D H EDELBLUTE BS Asst Prof Crops and Soils (PO Garden City)

12ROSCOE ELLIS Jr PhD Prof Soil Chem

12K C FELTNER PhD Prof Weed Sci 2P J GALLAGHER BS Res Asst Soil Fert

2D M GRONAU BS Instr in Chg of Newton Expt Field (PO Newton)

2C N GRUVER BS Instr in Chg of East Central Expt Field (PO Ottawa)

5L J HAGEN MS Instr Wind Erosion Lab

3H B HARPER MS Assoc Prof Soil Conserv

12E G HEYNE PhD Prof Small Grain Brdg

12 A HOBBS PhD Prof Soil Mgt (Nigeria)

23R M HYDE PhD Assoc Prof Pasture Mat

12H S JACOBS PhD Prof Soil Chem and Dir Kansas Water Resources Res Inst

3H E JONES PhD Prof Crops and Soils

12E T KANEMASU PhD Asst Prof Evapo Lab

12G H LIANG PhD Assoc Prof Cytogenet

2M C LUNDQUIST MS Asst Prof in Chg of Sandyland Expt Field (PO St John)

5LEON LYLES PhD Instr Wind Erosion Lab

12E L MALER PhD Prof Farm Crops (India)

2J D MCKENDRICK MS Res Asst Range Mat

34G O MCMASTER MS Asst Prof Crops and Soils (PO Parsons)

2W A MOORE BS Asst Prof in Chg of South Central Expt Field (PO Hutchinson)

12LS MURPHY PhD Assoc Prof Soil Fert 12CD NICKELL PhD Asst Prof Soybean Brdg

23E B NILSON PhD Assoc Prof Herbicides 2C B OVERLEY MS Asst Prof Fdn Seeds

12C E OWENSBY PhD Asst Prof Range Mgt

12G M PAULSEN PhD Assoc Prof Crop Phys 3V H PETERSON MS Assoc Prof Crops and Soils (PO Parsons)

12T H PITTENGER PhD Prof Genet

12W L POWERS PhD Assoc Prof Soil Phys

24R J RANEY MS Asst Prof in Chg of Irrig Expt Field (PO Scandia) (India)

2D L ROBINSON MS Res Asst Soil Fert

2S N ROGERS BS Res Asst Soil Chem

120 G RUSS MS Assoc Prof Weed Control

15E L SKIDMORE PhD Assoc Prof Wind Erosion Lab

2R F SLOAN MS Assoc Prof in Chg of Combelt Expt Field (PO Powhattan)

15E L SORENSEN PhD Prof Alfalfa Brda

2C W SWALLOW MS Asst Prof Farm Supt

12I D TEARE PhD Assoc Prof Evapo Lab

12S J THIEN MS Asst Prof Soils

3L W TOBIN PhD Asst Prof Soils

12R L VANDERLIP PhD Assoc Prof Crop Prod

12J F VESECKY MS Instr Weed Sci
2T L WALTER MS Asst Prof Variety Testing
12C E WASSOM PhD Assoc Prof Corn Brdg
23D A WHITNEY PhD Assoc Prof So: 1 Testing

23H D WILKINS MS Assoc Prof (Kansas Crop Impr Assoc)

15N P WOODRUFF MS Prof Wind Erosion Lab

KANSAS 3860-3920

Animal Science and Industry Biology (Col of Arts and Sci)-Continued 3840 1R R KOWAL PhD Visiting Asst Prof Bot 123D L GOOD PhD Prof Anim Sci and Indus and Head of 12C L KRAMER PhD Assoc Prof Mycol Dept (913-532-6421) 12B V ABLE PhD Asst Prof Nutr and Reprod Physiol 1C H LCCKHART MS Asst Prof Zool 12G L MARCHIN Jr PhD Asst Prof Microbiol 3G A AHLSCHWEDE PhD Asst Prof Ext 1G R MARZOLF PhD Assoc Prof Ecol 12GARY ALLEE PhD Asst Prof Swine Nutr 1234S M PADY PhD Prof Bot 12D M ALLEN PhD Assoc Prof Meat Sci and Gen Anim 12TH PITTINGER PhD Prof Genet 12D R AMES PhD Asst Prof Sheep Res 12R J ROBEL PhD Assoc Prof Conserv Wildlife 12B E BRENT PhD Assoc Prof Anim Nutr 12L S RODKEY PhD Asst Prof Immunochem 12R F COX PhD Prof Anim Brdg 12M E DIKEMAN PhD Asst Prof Meat Sci IC C SMITH PhD Assoc Prof Zool 120 W TIEMEIER PhD Prof Conserv Wildlife 12C L DRAKE PhD Assoc Prof Beef Cattle Res3E N FRANCES MS Area Ext Spec Assoc Prof Livestock 1J E URBAN PhD Asst Prof Microbiol 12L H HARBERS PhD Assoc Prof Anim Nutr 12J S WEIS PhD Asst Prof Physiol 1L G WILLIAMS PhD Asst Prof Genet 12K F HARRISON MS Res 12F E WILSON PhD Asst Prof Neuroendocrinol 1E J WIMMER PhD Prof Zool 12R H HINES PhD Assoc Prof Swine Brdg and Mgt 12J D HOOVER BS Inst Res Farm Supt 1J L ZIMMERMAN PhD Assoc Prof Zool 12G H KIRACOFE PhD Asst Prof Physiol and Genet 124B A KOCH PhD Prof Swine Nutr (Nigeria) 12D H KROPF PhD Assoc Prof Meat Sci Chemistry (Col of Arts and Sci) 3890 1A H DAANE PhD Prof of Chem and Head of Dept 3V E McADAMS MS Assoc Prof Ext (913-532-6640) 12R McCOLLOUGH MS Inst 1F C LANNING PhD Assoc Prof Inorganic Chem 12MILES McKEE PhD Assoc Prof Beef Cattle Brdg 1C E MELOAN PhD Prof Anal Chem 234W A MOYER MS Ext Prof Swine Spec (Europe) 12H C MOSER PhD Prof Radio Chem 23P A PHAR PhD Asst Prof Ext Beef Cattle Nutr and 12W G SCHRENK PhD Prof Phys Chem 1M VAN SWAAY PhD Assoc Prof Anal Chem 12DRAYTFORD RICHARDSON PhD Prof Anim Nutr 12R R SCHALLES PhD Assoc Prof Genet 12E F SMITH PhD Prof Beef Cattle Pasture Mgt Dairy and Poultry Science 3910 12W H SMITH MS Assoc Prof Anim Brdg 123C L NORTON PhD Prof Dairy and Poultry Sci and 12C W SPAETH MS Res 12H J TUMA PhD Assoc Prof Meat Sci Head of Dept 123A W ADAMS PhD Assoc Prof Poultry Sci 3H W WESTMEYER MS Asst Prof Ext Beef Cattle 12E E BARTLEY PhD Prof Dairy Prod 12J D WHEAT PhD Prof Genet 12RICHARD BASSETTE PhD Assoc Prof Dairy Mfg 3K O ZOELLNER PhD Assoc Prof Ext Beef Cattle 12L J BEAT BS Instr Artif Insem 3E R BONEWITZ MS Ext Assoc Prof Dairy Sci Biochemistry 3870 12H L MITCHELL PhD Prof Biochem and Act Head of 12E P CALL PhD Assoc Prof Dairy Prod 12T J CLAYDON PhD Prof Dairy Mfg Dept (Tel 913-532-6420) 12J V CRAIG PhD Prof Poultry Genet 12G R BEECHER PhD Asst Prof Muscle Biochem 12F E CUNNINGHAM PhD Assoc Prof Poultry Sci 12R K BURKHARD PhD Prof Protein Chem 3J R DUNHAM PhD Ext Asst Prof Dairy Sci 12R E CLEGG PhD Prof Proteins and Enzyme Chem 12B A CUNNINGHAM PhD Asst Prof Enzyme Chem 12E L FARMER PhD Prof Dairy Prod 3M E JACKSON MS Ext Assoc Prof Poultry Sci 12W P JACKSON BS Instr Artif Insem 12CHARLES HEDGCOTH Jr PhD Assoc Prof Nucleic 12A J KAHRS BS Instr in Chg Poultry Farm 12F A KOPP BS Instr Artif Insem 12W E KLOPFENSTEIN PhD Asst Prof Lipid Chem 12D D MUELLER PhD Asst Prof Phys Biochem 12PHILIP NORDIN PhD Prof Carbohydrate and Enzyme 12Mrs RONEL M MEYER PhD Res Assoc Dairy Prod 12C L MICHAELS BS Asst Prof Artif Insem Chem 12ROSS MICKELSEN PhD Asst Prof Dairy Mfg 12D B PARRISH PhD Prof Nutr Chem 12J L MORRILL PhD Assoc Prof Dairy Prod 12D J MUGLER PhD Asst Prof Poultry Sci 12W S RULIFFSON PhD Prof Drug and Toxic Compound Absorption and Metabolism 12H A ROBERTS MS Asst Prof Dairy Mfg
12P E SANFORD PhD Prof Poultry Nutr Biology (Col of Arts and Sci) 3880 12G M WARD PhD Prof Dairy Prod 1L E ROTH PhD Prof Cell Biol and Head of Div 12D L WELLS BS Instr Artif Insem 12T M BARKLEY PhD Assoc Prof Taxon Curator and Assoc Head of Div Economics (Agr) 1D J AMEEL DSc Prof of Zool 3920 123P L KELLEY PhD Prof Mktg and Head of Dept 124L C ANDERSON PhD Asst Prof Anat (913-532-6241) 1V C BODE PhD Prof Genet

12C A BUCK PhD Asst Prof Microbiol 3T E APPLEBY MS Instr Ext Farm Mat (PO Gamett) 1M S CENTER PhD Asst Prof Genet 1G W CONRAD PhD Asst Prof Devlpmtl Biol 34E K BAKER MS Asst Prof Ext Resource Devlpmt 12A W BIERE PhD Asst Prof Mkgt Resource Econ 12G L BRINKMAN PhD Asst Prof Internat! Agr Devipmt 12R A CONSIGLI PhD Prof Bact Biochem Virol 1P C DOEZEMA PhD Prof Physiol Biochem 120 H BULLER PhD Assoc Prof Farm Mgt Prod Econ 3W D COLLINS MS Instr Ext Farm Mgt (PO Hutchinson) 12ABRAHAM EISENSTARK PhD Prof Bact Microbiol 3R L COPPERSMITH PhD Prof Ext Livestock Mktg Genet 3F D DELANO BS Instr Ext Farm Mgt (PO ElDorado) 12G W FERGUSON PhD Asst Prof Zool Anim Behvr 12L R FINA PhD Assoc Prof Bact Physiol
1S D FRETWELL PhD Asst Prof Biomath 3W M DICKSON MS Instr Ext Farm Mgt (PO Hiawatha) 123D B ERICKSON PhD Assoc Prof Ext Resource Devlpmt 3D L FAIDLEY BS Instr Ext Farm Mgt (PO Colby)
3D L FIGURSKI MS Asst Prof Ext Dist Farm Mgt 12H T GIER PhD Prof Embryol Invest 12J A GOSS PhD Assoc Prof Physiol (PO Hiawatha) 3G C HALAZON MS Ext Ass∞ Prof Wildlife Mqt 12M F HANSEN PhD Prof Parasitol
12J O HARRIS PhD Prof Soil Microbiol 3L P FRAZIER MS Asst Prof Ext Resource Devlpmt 3H W FREDERICK BS Instr Ext Form Mgt 3C H HENDERSON MS Ext Asst Prof Wildlife Mgt (PO Hutchinson) 12L C HULBERT PhD Assoc Prof Ecol
12J J IANDOLO PhD Asst Prof Bact
1M S KHALIL PhD Visiting Assoc Prof Plant Physiol 3R N GERMANN MS Instr Ext Form Mgt (PO Gorden City) 3L S GREENE BS Instr Ext Farm Mgt (PO Concordia) 3W D GUY BS Instr Ext Farm Mgt (PO Chanute)

12H E KLAASSEN PhD Asst Prof Zool

3R F HACKLER MS Instr Ext Farm Mgt (PO Hiawatha)

F.	onomic	- / 4 -	·_C^	tinual
60	Onomic	2 (WG	ローしの	minvea

3J G HEROD BS Instr Ext Farm Mgt (PO Garden City)

34L R KEPLEY BS Instr Ext Farm Mgt (PO Hutchinson)
12D A KNIGHT PhD Assoc Prof Farm Mgt

12J W KOUDELE PhD Assoc Prof Mktg

3L N LANGEMEIER PhD Asst Prof Ext Farm Mgt

12M L MANUEL PhD Prof Mktg and Coops

124J H McCOY PhD Prof Livestock Mktg

3M W McMINIMY BS Instr Ext Farm Mgt (PO Greensburg)

3K L McREYNOLDS MS Asst Prof Ext Dist Form Mgt (PO Hutchinson)

12GEORGE MONTGOMERY PhD Prof Agr Policy

3W G MULLEN BS Instr Ext Farm Mgt (PO Erie)
25C W NAUHEIM MS Prod Econ

12F F NIERNBERGER PhD Asst Prof Grain Mktg

34D A OLSEN MS Asst Prof Ext Resource Devlpmt (PO Hiawatha)

3R A OLSON MS Instr Ext Farm Mgt (PO Concordia)

12FRANK ORAZEM PhD Prof Prod Econ

3F L OVERLEY MS Asst Prof Ext Dist Form Mgt (PO Colby)

3L C PARKER MS Instr Ext Farm Mgt (PO Wamego)

12W H PINE PhD Prof Land Econ

34D D PRETZER MS Instr Ext Farm Mgt

3E C REIMER BS Instr Ext Farm Mgt (PO Hays)

3J A RICHARDS PhD Assoc Prof Ext Mktg Inform

3J R SCHLENDER PhD Asst Prof Ext Farm Mgt

12L W SCHRUBEN PhD Prof Grain Mktg
12O J SCOVILLE PhD Prof Internatl Agr Devlpmt

12J B SJO Phd Prof Farm Mgt

3P E SMYTHE MS Asst Prof Ext Resource Devlpmt

12L O SORENSON PhD Assoc Prof Transp and Mktg

3K L STIELOW MS Instr Ext Farm Mgt (PO Concordia)
123W B THOMAS MS Assoc Prof Ext Farm Mgt

3D D TRAYER MS Instr Ext Farm Mgt (PO Garden City)

3J L TREAT MS Asst Prof Ext Dist Form Mgt (PO Iola)

3S E TRIEB PhD Prof Ext Mktg and Retailing

3K E URBAN MS Instr Ext Form Mgt (PC Colby)

34G L VACIN MS Asst Prof Ext Resource Devlpmt Inform

3MILDRED L WALKER MS Asst Prof Ext Mktg Consum

3L E WHIPPS MS Asst Prof Ext Dist Farm Mgt (PO Garden City)

23N V WHITEHAIR PhD Asst Dept Head for Ext and Prof Ext Mkta

Economics (Col of Arts and Sci)

3930

123P L KELLEY PhD Prof Mktg and Head of Dept (913-532-6241)

12E S BAGLEY PhD Prof Water Econ

12J A NORDIN PhD Prof Econ

Education (Agr) (Col of Educ)

1J J ALBRACHT PhD Assoc Prof Coor Agr Educ (913-532-6484)

1E E BAUGHER MS Asst Prof Agr Mech 1H R BRADLEY MS Assoc Prof Agr Educ

1L H ERPELDING Jr MS Instr Agr Educ

1P N STEVENSON MS Assoc Prof Agr Mech

Engineering, College of

3950

AGRICULTURAL

123W H JOHNSON PhD Prof of Agr Engin and Head of Dept (913-532-6451)

12C E ANDERSON MS Instr Soil Conserv

25D S CHUNG PhD Asst Prof Agr Engin 12S J CLARK PhD Assoc Prof Farm Mach

12S R CLARK BS Instr Irrig Engin

15H H CONVERSE MS Agr Engin Off Farm Conditioning

12G E FAIRBANKS MS Prof Farm Mach

2E H GOERING BS Instr Irrig Engin 3R L HERPICH MS Ext Prof Irrig Engin

12T O HODGES PhD Prof Farm Structures

3E S HOLMES MS Ext Assoc Prof Agr Engin

3R S HORN MS Ext Instr Farm Mach

14G H LARSON PhD Prof Agr Engin

12R I LIPPER MS Assoc Prof Rural Elec

12H L MANGES PhD Asst Prof Irrig

Engineering, College of-Continued

15R J MCGINTY MS Res Agr Engin

12A D MCMILLAN BS Instr Irrig Engin

12J P MURPHY MS Instr Rural Elec

3D E SCHINDLER MS Ext Assoc Prof Arch

3W E SELBY MS Ext Asst Prof Agr Engin

3L R SHUYLER MS Ext Asst Prof Irrig Engin

12C K SPILLMAN PhD Asst Prof Farm Structures

12G R TENEYCK MS Instr Irrig Engin
3L T WENDLING MS Ext Prof Agr Engin

CHEMICAL

1L T FAN PhD Prof Chem Engin and Head of Dept 12R C HALL MS Asst Prof Chem Engin

NUCLEAR

1C C CHEZEM PhD Prof and Head of Dept

15N D ECKHOFF PhD Asst Prof

Entomology 3960

123HERBERT KNUTSON PhD Prof Ent and Head of Dept 6K O BELL MS (State Bd Agr) Surv

12H D BLOCKER PhD Asst Prof Taxon Grassland Ins Leafhoopers

12J C BOLING PhD Asst Prof Fruit Veg Ins 3H L BROOKS PhD Ext Asst Prof Pesticidal Safety

2L J DEPEW MS Asst Prof Ins in Southwestern Kans (PO Garden City)

12R J ELZINGA PhD Assoc Prof Med Ins Mites

4E L ESHBAUGH MS Asst Prof Fruit Veg Ins

3D E GATES MS Ext Assoc Prof

2T L HARVEY PhD Prof Ins in North Central and Northwest Kans (PO Hays)

12T L HOPKINS PhD Prof Physiol Toxicol Tracers Pesticidal Residues

12E K HORBER PhD Prof Host Plant Res to Ins

12A M KADOUM PhD Asst Prof Pesticidal Chem

12R B MILLS PhD Assoc Prof Stored Prod Ins

12G J PARTIDA Jr PhD Asst Prof Stored Grain Ins

12C W PITTS PhD Assoc Prof Livestock Ins

12C W RETTENMEYER PhD Assoc Prof Ins Behavior Ecol

SH W SOMSEN MS Collab Wheat Streak-Mosaic Vectors Hessian Fly

12H E THOMPSON PhD Assoc Prof Tree Ornor For Ins

12G E WILDE PhD Asst Prof Field Crop Ins

Extension Adminstration

3970

3R A BOHANNON PhD Dir of Ext (913-532-6881)

3P W GRIFFITH PhD Assoc Dir of Ext 3E J PETERSON BS Admin Asst

OFFICE OF PROGRAMS AND TRAINING

3W E RINGLER PhD Asst Dir of Ext 3R L JOHNSON PhD Prof Coord Ext Studies

34W L PRAWL PhD Prof Ext Spec Pers Trng

EXTENSION ADMINISTRATION

3E D WARNER BS Prof Assoc State Ldr

3H T COZART II MS Asst Prof Asst Ext Ed 3MIRIAM L DEXTER MS Ass∞ Prof Asst Ext Ed

3G R DIERKING BFA Instr Ext Spec Vis Aids

3R O GRAHAM MS Assoc Prof Inform Asst to Dir .

34R C MEDLIN MS Asst Prof Asst Ext Ed

3F M PARRIS MS Assoc Prof Asst Ext Ed

3E G PECK MS Asst Prof Ext Spec Vis Aids

23G W PETERSON MS Instr Ext Spec Vis Aids

3W S SULLINS BS Ext Asst; Asst Ext Ed 3MARJORIE A TENNANT MS Asst Prof Asst Ext Ed

3C R UNRUH MS Assoc Prof Asst Ext Ed

3Mrs KIM B WESTFAHL BS Instr Asst Ext Ed

OFFICE OF RADIO AND TELEVISION EXTENSION 3J M BURKE MS Assoc Prof Assoc State Ldr Mgr

Radio Sta KSAC

13D I BREWER BA Instr Ext Spec in Radio and TV
3P F DEWEESE MS Asst Prof Ext Spec in Radio and TV

3970-4000

Extension Administration—Continued

3Mrs ANN L FRANK Asst Instr Ext Spec Motion Pictures

3KARLA A KETCH BFA Instr Ext Spec in Radio and TV

3L D KUEHN BS Instr Ext TV Prod 3J C NAGEL BS Instr Ext TV Prod

34D M SPRINGER MS Asst Prof Sect Ldr and Ext TV Prod

3J R STOCKARD BA Asst Prof Ext Motion Picture Prod 3R S TITUS MS Assoc Prof Asst Mgr Radio Sta KSAC 3H C WF.BB MA Asst Prof Ext Motion Picture Prod

EXTENSION HOME ECONOMICS

3Mrs SHIRLEY A WHITE PhD Prof State Ldr

3Mrs ELINOR A ANDERSON MS Asst Prof Ext Spec Home Mgt

3DAISY E ATKINSON MS Asst Prof Ext Spec Foods and Nutr

3MARTHA E BRILL BS RN Asst Prof Ext Spec Health 3Mrs JEAN K CARLSON MS Asst Prof Ext Spec Home Mat

3Mrs VERA M ELLITHORPE PhD Assoc Prof Ext Spec Home Mgt

3GERSILDA GUTHRIE MA Asst Prof Dist Ext Spec Home Mat

3Mrs JERELDINE R HOWE MS Asst Prof Ext Spec Cloth and Text

3NAOMI M JOHNSON MS Assoc Prof Ext Spec Cloth and Text

3Mrs KATHERINE K MEYER BS Instr Ext Spec Home Furn

3ELSIE L MILLER MS Asst Prof Ext Spec Foods

3INEZ PASS MS Asst Prof Ext Spec Foods and Nutr 3NORMA J REDEKER MS Asst Prof Ext Spec Human Res Devlpmt

3 Mrs JANE M SCHAAF BS Instr Ext Spec Home Mgmt 3Mrs ZOE E SLINKMAN MS Instr Ext Spec Cultural Res Devlpmt

3D D SPOON MS Asst Prof Ext Spec Fam Life 3RUTH I WELLS Asst Prof Ext Spec Limited Res Progs 3M CHRISTINE WIGGINS MS Assoc Prof Ext Spec Cloth and Text

4-H AND OTHER EXTENSION YOUTH PROGRAMS 3G M BUSSET PhD Prof State Ldr

13J D APEL PhD Prof Assoc State Ldr

3Mrs MARJORIE J AREA MS Asst Prof Ext Spec 4-H and Youth

3C T BATES Jr MS Asst Prof Ext Spec 4-H and Youth 3W H BORST MS Assoc Prof Ext Spec 4-H Nutr Prog 3LINDA L COEN BS Instr Area Ext Spec 4-H Nutr Prog 3Mrs HOPE S DAUGHERTY PhD Assoc Prof Ext Spec

4-H Child and Youth Devlpmt 3C L EYESTONE MS Assoc Prof Ext Spec 4-H and Youth 3J.B HANNA MS Assoc Prof Ext Spec 4-H and Youth 3ARLISS E HONSTEAD MS Assoc Prof Ext Spec in 4-H Club Work

EXTENSION FIELD OPERATIONS

3Mrs MARIELLEN J APPLEBY MS Asst Prof Dist Ext Home Econ

3E W BLANKENHAGEN BS Asst Prof Coord Schedules and Rpts

3L J COX EdD Assoc Prof Dist Ext Supvr

3ROSEMARY A CRIST MS Asst Prof Dist Ext Home Econ

3R M HOSS BS Asst Prof Dist Ext Supvr

3R F KING Jr MS Assoc Prof Dist Ext Supvr

3R H MANN MS Assoc Prof Area Ext Dir

3Mrs DOROTHY H NEUFELD MS Asst Prof Area Ext Home Econ

30 W NORBY PhD Prof Dist Ext Supvr

3EUGENE ROSS PhD Prof Dist Ext Supvr

3Mrs MARY M SCHROEDER MS Asst Prof Dist Ext Home Econ

Grain Science and Industry

3980

123W J HOOVER PhD Prof Grain Sci and Indus and Head of Dept Dir Food and Feed Grain Inst

Grain Science and Industry... Continued

KANSAS

3J L BALDING BS Instr Spec in Util of Formula Feeds 5L C BOLTE BS Milling Technol Hard Winter Wheat Regional Lab

12C W DEYOE PhD Prof Grain Sci Feed Technol
12E P FARRELL MS Prof Grain Sci Milling Technol

15K F FINNEY MS Prof Grain Sci Hard Winter Wheat Regional Lab

SA J GEHRT Admin Aid (ARS)

5R C HOSENEY MS Chem Hard Winter Wheat Regional Lab

12J A JOHNSON PhD Prof Grain Sci Milling and Baking

12D R LINEBACK PhD Assoc Prof Grain Sci Cereal Chem

12G D MILLER MS Asst Prof Grain Sci Cereal Chem
12H B PFOST PhD Prof Grain Sci Feed Technol

12R J ROBINSON PhD Assoc Prof Grain Sci Cereal Chem 12C R S SANCHEZ BS Instr Grain Sci Baking

23R W SCHOEFF PhD Prof Spec in Util of Formula Feeds

12P A SEIB PhD Assoc Prof Grain Sci Feed Technol 5MERLE SHOGREN MS Cereal Technol Hard Winter Wheat Regional Lab

12C C TSEN PhD Prof Grain Sci Cereal Chem

12A B WARD MS Prof Grain Sci Milling Technol

5C A WATSON Admin (ARS)

23R A WILCOX PhD Prof Spec in Util of Formula Feed

Geology and Geography (Col of Arts and Sci)

12H V BECK PhD Prof Geol

Home Economics, College of 3990 12Mrs DORETTA S HOFFMAN PhD DSc Prof Dean of Col Assoc Dir Agr Expt Sta (913-532-6801)

12RUTH MHOEFLIN PhD Prof Child Devlomt Assoc Dean of Cal

CLOTHING TEXTILES AND INTERIOR DESIGN 12JESSIE A WARDEN PhD Prof Cloth and Head of Dept 12ESTHER M CORMANY MS Assoc Prof Text 12Mrs SHIRLEY E FRIEND EdD Asst Prof Cloth Text

FAMILY AND CHILD DEVELOPMENT

12MARJORIE M STITH PhD Prof Child Devlpmt and Head of Dept

12S R BOLLMAN PhD Assoc Prof Fam Devlpmt 12C E KENNEDY EdD Prof Fam Devlpmt 12Mrs IVALEE McCORD PhD Prof Child Devlpmt

FAMILY ECONOMICS

12R L D MORSE PhD Prof Fam Econ and Head of Dept 12Mrs PATTY J ANNIS MS Asst Prof Household Equip 12Mrs ALBIE C RASMUSSEN MS Asst Prof Fam Econ

FOODS AND NUTRITION

12LUCILLE WAKEFIELD PhD Prof Foods and Nutr and Head of Dept

12Mrs JANE R BOWERS PhD Assoc Prof Foods

12JEAN F CAUL PhD Prof Foods

12BEATRICE FINKELSTEIN MS Prof Human Nutr

12Mrs BETH E FRYER PhD Assoc Prof Human Nutr 12DOROTHY L HARRISON PhD Prof Foods
12GWENDOLYN L TINKLIN MS Prof Foods

INSTITUTIONAL MANAGEMENT

12Mrs GRACE M SHUGART MS Prof Inst Mgt and Head of Dept

12Mrs RAYMONA H MIDDLETON MS Asst Prof Inst Mat

Horticulture and Forestry

4000

3985

123R W CAMPBELL PhD Prof Hort and Head of Dept (913-532-6171)

2E ABMEYERBS Asst Prof in Chg Northeast Kans Expt Field (PO Wathena)

3F D ATCHINSON BS Instr Dist For (PO Ft Hays)

3L E BILES BS Dist For (PO Hiawatha)

3C R BISWELL MS Asst Prof Asst State For 3G F BRATTON BS Inst Area For (PO Parsons)

1R E CAMPBELL MS Asst Instr Hort

KANSAS 4000-4090

Horticulture and Forestry-Continued	Photographic Services (Div of Univ Inform) 4030
2F J DAINELLO PhD Asst Prof Sedgwick Co Expt	1D R VON RIESEN Head of Dept
Field	1L L LUNDQUIST Photog
3H A DEUTCH MS Asst Prof Dist For (PO Hutchinson)	1P K MAGINNESS Photog
12R W FUNSCH PhD Asst Prof For Genet 3H G GALLAHER MS Prof State For	Physics (Col of Arts and Sci) 4040
3H B GAYLOR BS Asst Prof For	12R B LEACHMAN PhD Prof and Head of Dept (913-
3J C GEISLER BA Instr Dist For (PO Hiawatha)	532-6281)
12W A GEYER PhD Asst Prof For	12L D BARK PhD Prof
3L K GOULD BS Instr For Mktg Util	1A B CARDWELL PhD Prof
12J K GREIG Jr PhD Prof Veg Crops.	12F W CRAWFORD PhD Assoc Prof
3G W GREY MS Asst State For	12BASIL CURNUTTE PhD Prof
2F B HADLE MS Asst Prof Hort	1L D ELLSWORTH PhD Prof
12C V HALL PhD Prof Veg Brdg 23M T JONES MS Instr Area Hort (PO Ulysses)	12D L HYDER BS Res Asst 12MITSUGI OHNO Asst Instr
123R A KEEN PhD Prof Omam Hort Turf	1G G SEAMAN PhD Assoc Prof
3L D LEUTHOLD MS Instr Flor Ornam Hort	12J H TORMEY Res Asst
12C E LONG MS Instr Ornam Hort	To II To I Mile I
3W L LOUCKS BS Instr Area For	Plant Pathology 4050
23C W MARR PhD Asst Prof Veg Crops	123J F SCHAFER PhD Prof Head of Dept (913-532-6806)
12R H MATTSON PhD Asst Prof Flor	25L E BROWDER PhD Asst Prof Cereal Rusts
1J T MIDCAP MS Asst Instr Ornom	25J R BURLEIGH PhD Asst Prof Epidem
12N W MILES PhD Asst Prof Pomol	120 J DICKERSON PhD Assoc Prof Nematol
23F D MORRISON PhD Assoc Prof Pomol 3W J MOYER MS Asst Prof Area For	25L K EDMUNDS PhD Assoc Prof Sorghum Path 12E D HANSING PhD Prof Cereal Path
3G C NAUGHTON MS Area For	12L B JOHNSON PhD Asst Prof Dis Physiol
3J J NIGHSWONGER MS Asst Prof Landsc Arch	3C L KING MS Prof Ext Plant Path (913-532-6669)
12R E ODOM PhD Assoc Prof Flor	12C L NIBLETT PhD Asst Prof Virol
3L R PINKERTON MS Asst Prof Area For	2Mrs AVELINA Q PAULSEN PhD Asst Prof Virol
3J J ROWLAND MS Area For (PO Parsons)	25D B SAUER PhD Asst Prof Grain Storage Path
3L W SHREVE MS Instr Area For	12F W SCHWENK PhD Asst Prof Soybean Path
3J K STRICKLER MS Assoc Prof Assoc State For	12D L STUTEVILLE PhD Assoc Prof Forage Path
12G T WILSON MS Asst Instr Veg	23W G WILLIS PhD Assoc Prof Ext Plant Path (913-532-
2J W WINZER MS Asst Prof in Chg SEK Expt Field (PO Chetopa)	6669)
(FO Chetopu)	Political Science (Col of Arts and Sci) 4060
International Agricultural Programs 4010	1H P SECHER PhD Prof and Head of Dept
1R V OLSON PhD Prof Agron Dir Internatl Agr Prog	12L H DOUGLAS PhD Prof Political Sci
(913-532-6871)	
1E W ADAMS PhD Prof Path (Nigeria)	Sociology and Anthropology (Col of Arts and Sci) 4070
1W G AMSTEIN MS Prof AID Stud Advisor	1E A FRIEDMANN PhD Prof and Head of Dept (913-
1L S AXTHELM MS Asst Prof Irrig Spec (India)	532-6943, 6107)
1W E BAILIE PhD Prof Microbiol (Nigeria) 1H J BARNES DVM Instr Path (Nigeria)	12Mrs C B FLORA PhD Asst Prof Community Organ 12JAN FLORA PhD Asst Prof Soc Demog
1F. H COLES Jr PhD Prof and Chief of Party (Nigeria)	12W C ROHRER PhD Prof Soc Change
1D D DICKEN MS Asst Prof Soil Fert (India)	Tan o norman in a rior see shange
1E L ESHBAUGH BS Asst Prof Plant Protection Spec	Statistics and Computer Science (Col of Arts and Sci) 4080
(India)	12H C FRYER PhD Prof Status and Head of Dept (913-
1J M HAMON BS Asst Prof Seed Impr Spec (India)	532-6183)
1J E HARKNESS DVM MS Asst Prof Phys (Nigeria)	12R K BREWER MS Asst Prof Computer Sci
1H M HAYS Jr PhD Asst Prof Agr Econ (Nigeria)	4W J CONOVER PhD Assoc Prof Math Statis
1J A HOBBS PhD Prof Soil Sci (Nigeria)	12A D DAYTON PhD Asst Prof Statis Genet 12A M FEYERHERM PhD Prof Math Statis
1J M HUMBURG DVM Prof Phys (Nigeria) 1P E JOHNSON MS Assoc Prof Dairy Tech Spec (India)	12P S FISHER PhD Asst Prof Computer Sci
1B A KOCH PhD Prof Anim Sci (Nigeria)	1R L IMAN MS Instr Statis
1V C LARSON EdD Prof Dairy and Poultry Sci and	12K E KEMP PhD Asst Prof Statis and Computer Sci
Chief of Party (India)	12G A MILLIKEN PhD Asst Prof Statis
1L D LAWRENCE MS Asst Prof Agr Impls (India)	12R E MORGAN Instr Computer Sci
1E L MADER PhD Prof Soil Conserv (India)	12R F NASSAR PhD Assoc Prof Status Genet
1R C MEDLIN MS Asst Prof Agr Inform Spec (India)	12B L NELSON MS Instr Computer Sci
1C F MEINECKE DVM MS Prof Phys (Nigeria)	1S K PERNG PhD Asst Prof Statis
1H J MILLER MA Assoc Prof Arch (India)	1M H RIZVI PhD Assoc Prof Statis
1E N MOORE DVM BS Prof Vet Med (Nigeria) 1D W NORMAN PhD Asst Prof Agr Econ (Nigeria)	1R F SINCOVEC PhD Asst Prof Computer Sci 12MINORU SIOTANI PhD Assoc Prof Statis
1W J PIMENTEL DVM Asst Prof Surg and Med (Nigeria)	1T N TRUMP MS Asst Prof Computer Sci
1W L PRAWL EdD Prof Ext Ed Adv (Nigeria)	1Mrs ELIZABETH A UNGER MS Assoc Dir Computer
1R J RANEY MS Asst Prof Irrig Spec (India)	Cent and Asst Prof Computer Sci
1R M SCHNEIDER EdD Assoc Prof Agr Engin (Nigeria)	12R A WALLER PhD Asst Prof Math Statis
1B K SCHUMAN BS Assoc Prof Anim Sci (Nigeria)	1ROGER WEINBERG PhD Assoc Prof Computer Sci
1F B SLOAT MA Assoc Prof and Admin Asst Math	
(Nigeria)	Veterinary Medicine, Cellege ef 4090
1D E WEINMAN PhD Prof Anat (Nigeria) 1J K WINKLER DVM Prof Vet Med Adv (India)	
TO MINISTER LICENSE PROPERTY AND COMPANY OF THE PROPERTY OF TH	1C E CORNELIUS DVM PhD Dean of Col and Assoc
	1C E CORNELIUS DVM PhD Dean of Col and Assoc Dir Agr Expt Sta Physiol
1W W WORZELLA PhD Prof Agron (Nigeria)	1C E CORNELIUS DVM PhD Deam of Col and Assoc Dir Agr Expt Sta Physiol 3H K CALEY DVM Assoc Prof Ext Vet
	1C E CORNELIUS DVM PhD Dean of Col and Assoc Dir Agr Expt Sta Physiol
	1C E CORNELIUS DVM PhD Deam of Col and Assoc Dir Agr Expt Sta Physiol 3H K CALEY DVM Assoc Prof Ext Vet 3D G MILES DVM Asst Prof Ext Vet INFECTIOUS DISEASES (Vet Med)
1W W WORZELLA PhD Prof Agron (Nigeria) Journalism (Tech) (Col of Arts and Sci) 4020 1D R LEAMING PhD Assoc Prof and Head of Dept	 1C E CORNELIUS DVM PhD Deam of Col and Assoc Dir Agr Expt Sta Physiol 3H K CALEY DVM Assoc Prof Ext Vet 3D G MILES DVM Asst Prof Ext Vet
1W W WORZELLA PhD Prof Agron (Nigeria) Journalism (Tech) (Col of Arts and Sci) 4020	1C E CORNELIUS DVM PhD Deam of Col and Assoc Dir Agr Expt Sta Physiol 3H K CALEY DVM Assoc Prof Ext Vet 3D G MILES DVM Asst Prof Ext Vet INFECTIOUS DISEASES (Vet Med)

Veterinary Medicine, College of-Continued

- 4E H COLES DVM PhD Prof of Infect Dis (Nigeria)
- 12W P HEUSCHELE DVM PhD Assoc Prof Virol
- 12D C KELLEY DVM MS Prof Public Health
- 12H C MINOCHA PhD Assoc Prof Virol
- 12W E MOORE DVM PhD Asst Prof Infect Dis
- 12G W OSBALDISTON DVM PhD Assoc Prof Clin Path
- 12G F. WILCOX DVM PhD Asst Prof Infect Dis

PATHOLOGY (Vet Med)

- 12S M DENNIS DVM PhD Prof of Path and Head of Dept 12H D ANTHONY DVM MS Assoc Prof Diagnostic Lab
- 12A P GRAY DVM PhD Asst Prof Diagnostic Lab
- 12M D McGAVIN DVM PhD Assoc Prof Path
- 12L L MUNGER DVM Instr Diagnostic Lab
- 12J E SMITH DVM PhD Assoc Prof Path
- 12A C STRAFUSS DVM PhD Assoc Prof Path

PHYSIOLOGICAL SCIENCES (Vet Med)

- 12E L BESCH PhD Assoc Prof Physiol and Head of Dept
- 12G H CARDINET III DVM PhD Assoc Prof Anat
- 12T E CHAPMAN DVM PhD Asst Prof Physiol
- 12C L CHEN PhD Asst Prof Physiol
- 12RUDOLF CLARENBURG PhD Assoc Prof Physiol
- 12M R FEDDE PhD Assoc Prof Physiol
- 12R R GRONWALL DVM PhD Assoc Prof Physiol
- 12G T HARTKE DVM Instr Anat
- 12G K L UNDERBJERG DVM PhD Prof Physiol
- 12D W UPSON DVM PhD Assoc Prof Pharmacol
- 12JANE A WESTFALL PhD Assoc Prof Micros Anat
- 12SATOYOSHI YAMATAKA ScD Res Assoc Micros Anat

SURGERY & MEDICINE (Vet Med)

- 12N V ANDERSON DVM Assoc Prof Med
- 12J L NOORDSY DVM MS Prof Surg
 12F W OEHME DVM PhD Assoc Prof Toxicol

∡100

1RICHARD FARLEY PhD Dir of Librs

2Mrs JOAN SISTRUNK MS Res Asst Vice Pres for Agr

Branch Stations

4110

Colby

- 2E E BANBURY BS Assoc Prof Supt
- 2R L IBBETSON MS Instr Soils 2W M LARSON PhD Asst Prof Livestock
- 2J R LAWLESS MS Asst Prof Cereal Crops

Garden City

- 2A B ERHART BS Prof and Supt (316-276-8286)
- 2D W ARNETT PhD Assoc Prof Anim Sci 2J L CONDRAY MS Asst Prof Weeds
- 2E J DEIBERT MS Instr Soils
- 2L J DePEW MS Asst Prof Ent
- 2G M HERRON PhD Asst Prof Soils
- 2J H KYLE PhD Asst Prof Hort 2P E PENAS MS Asst Prof Irrig
- 2M D WITT MS Asst Prof Crops

Southeast Kansas Expt Sta (PO Mound Valley)

- 2F W BOREN PhD Prof Anim Sci and Supt (316-328-3211)
- 2E J BEASON BS Instr Crops and Soils
- 2L G HELMER PhD Asst Prof Dairy Prod 2G L KILGORE MS Asst Prof Crops and Soils
- 2H B PERRY MS Instr Anim Sci

Tribune

2R E GWIN Jr MS Asst Prof Supt (316-376-4761)

Fort Hays Branch Experiment Station, Hays

67601

2Station Staff 5Coop USDA

4120

2W W DUITSMAN BS Prof Supt

- 2W M BAXTER BS Asst Prof and Asst to Supt
- 2J R BRETHOUR MS Assoc Prof Anim Nutr
- 2H L HACKEROTT MS Assoc Prof Forage Crops
- 2T L HARVEY PhD Prof Ent Wheat Alfalfa Sorghum Livestock
- 2J L LAUNCHBAUGH Jr PhD Prof Grass Mgt

2R W LIVERS PhD Prof Cereal Crops

- 5W M PHILLIPS MS Assoc Prof Agron Weed Invest
- 2C A THOMPSON MS Asst Prof Soils

KENTUCKY

College of Agriculture, School of Home Economics, the Agricultural Experiment Station, and the Cooperative Extension Service of the University of Kentucky, Lexington 40506 (Main tel 606-258-9000)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 9A-TR, M-S Program

4130

- 1230 A SINGLETARY PhD Pres of Univ (606-258-9000 Ext 2131)
- 123L W COCHRAN PhD Vice Pres Academic Affairs (606-258-9000 Ext 3175)
- 123G J RUSCHELL MBA Actg Vice Pres Bus Affairs Treas (606-258-9000 Ext 2177)
- 123C E BARNHART PhD Dean of Col Dir of Sta Dir of
 - Coop Ext Serv (606-258-9000 Ext 2276) **2G W STOKES** PhD Assoc Dean Col of Agr (606-258-9000 Ext 2864)
- 29C O LITTLE PhD Assoc Dir of Sta Assoc Dean for Res (606-258-9000 Ext 3327)
- 3J L RAGLAND PhD Assoc Dir of Coop Ext Serv Assoc Dean for Ext (606-258-9000 Ext 2619)
- 1.J.C. ROBERTSON PhD Assoc Dean for Instr (606-258-9000 Ext 2639)
- 23G D PENDERGRASS MS Dir of Mat Oper (606-258-9000 Ext 2631 2370)

4140 Agronomy

- 123A J HIATT PhD Prof Dept Chmn (606-258-9000 Ext 2661)
- 23J K EVANS MS Asst to Chmn Ext Spec Soils
- 2M K ANDERSON PhD Asst Prof Legume Brdg
- 5R A ANDERSON PhD Asst Prof (Adjunct Series) Res Chem Biochem of Tobacco
- 2W O ATKINSON MS Res Spec Tobacco Prod and Mgt
- 12H H BAILEY PhD Assoc Prof Soil Classif
- 12R I BARNHISEL PhD Assoc Prof Soil Sci
- 2J F BENNER PhD Asst Prof Chem of Tobacco Smoke
- 12R L BLEVINS PhD Asst Prof Soil Classif
 25C E BORTNER MS Prof Tobacco Prod and Mgt
 - 5R C BUCKNER PhD Assoc Prof (Adjunct Series) Grass Brdg
- 5P B BURRUS II MS Res Spec Grass Brdg
- 2H R BURTON PhD Asst Prof Chem of Tobacco Smoke
- 121. P BUSH PhD Assoc Prof Plant Phys
- 2J R CALVERT MS Res Spec Tobacco Brdg
 12G B COLLINS PhD Assoc Prof Tobacco Genet and Brdg
- 12D L DAVIS PhD Asst Prof Plant Physiol
 7J C DICKEN BS Res Spec Fdn Seed
- 2W G DUNCAN PhD Prof Plant Physiol
- 2D B EGLI PhD Asst Prof Soybeans
- 2JOHN ELLIS PhD Asst Prof Soils
- 2K O EVANSMS Res Spec Corn Brda
- 3G A EVERETTE MS Ext Spec in Tobacco (PO Princeton)
- 12V C FINKNER PhD Prof Small Grain Brdg
- 2J GGREEN PhD Assoc Prof Anal Biochem
- 2J T GREEN MS Res Spec Small Grain
- 12C H GRUNWALD PhD Assoc Prof Sterol Biosynthesis
- 5J L HAMILTON MS Res Spec (Adjunct Series) Res Agron Tobacco Prod and Fert
- 13J W HERRON PhD Ext Prof Weed Control
- **3G** E JONES MS Area Ext Spec Weed Control **3C** J KAISER PhD Asst Ext Prof Forage
- 5M J KASPERBAUER PhD Assoc Prof (Adjunct Series) Plant Physiol
- 5P D LEGG PhD Assoc Prof (Adjunct Series) Tobacco Genet and Brdg
- 2J E LEGGETT PhD Assoc Prof Plant Physiol
- 5R H LOWE PhD Assoc Prof (Adjunct Series) Res Plant Physiol
- 2H F MASSEY PhD Prof Soil Chem

KENTUCKY 4140-4190

Agronomy-Continued

3I E MASSIE MS Ext Spec in Tobacco

2J B MASTERSON MS Res Spec Tobacco Brdg

3H F MILLER MS Ext Spec in Soils 70 C MULLEN MS Res Spec Seed Certif

3L W MURDOCK PhD
Asst Ext Prof Soils
2D E PEASLEE PhD
Assac Prof Soil Fert
12R E PHILLIPS PhD
Prof Soil Phys

3S H PHILLIPS MS Ext Spec in Crops

12C G PONELEIT PhD Asst Prof Com Brdg

3R E POWELL MS Area Ext Spec Feed Prod

3J L RAGLAND PhD Prof Soil Chem
3H R RICHARDS PhD Asst Ext Prof Spec in Crops

2S J SHEEN PhD Asst Prof Physiol Plant Dis

2R E SIGAFUS PhD Prof Soybean and Mgt

12J L SIMS PhD Assoc Prof Soil Fert

3J H SMILEY PhD Assoc Ext Prof Tobacco 2G W STOKES PhD Prof Tobacco Brdg 1W G SURVANT PhD Prof Soil Phys

12N L TAYLOR PhD Prof Legume Brdg

12T H TAYLOR PhD Prof Crop Ecol

4W C TEMPLTON Jr PhD Prof Pasture Mgt

3DM TEKRONY PhD Asst Ext Prof Seed Technol 2G W THOMAS PhD Prof Soil Fert and Chem

2LAFAYETTE THOMPSON Jr PhD Asst Prof Weed Sci

3W C THOMPSON MS Ext Spec Forage Crops

2J R TODD MS Res Spec Soil and Plant Anal

3E M TREW Jr PhD Assoc Ext Prof Forage Crops

2C R TUTT MS Res Spec Crop Mgt

3H C VAUGHT MS Ext Spec Field Crops
2A M WALLACE MS Res Spec Tobacco and Mat

3HAYDEN WATKINS PhD Asst Ext Prof Agr Gen

2G T WEBSTER PhD Prof Plant Cytol

3K L WELLS PhD Asst Ext Prof Soils
3C E WYATT MS Area Ext Spec Field Crops

2J W WYLESMS Res Spec Pasture Mat

Animal Sciences 4150

123W P GARRIGUS PhD Prof Dept Chm (606-258-9000 Ext 2514)

23P G WOOLFOLK PhD Prof Vice Chmn Sheep

3C WABSHER PhD Asst Ext Prof Beer Cattle
12J P BAKER PhD Assoc Prof Horse Nutr

123C E BARNHART PhD Prof Swine

12J J BEGIN PhD Assoc Prof Poultry Nutr

2J A BOLING PhD Asst Prof Beef Nutr

12N W BRADLEY PhD Prof Beef Cattle

3G H BROWN MS Area Ext Spec Beef Cattle
3W L BROWN PhD AsstExt Prof Beef Cattle

1C F BUCK PhD Prof Beef Cattle

2FS BUTTON Jr MS Res Spec Dairy Prod 3J H CAUDILL MS Area Ext Spec Dairy Sci

23G M CHAPPEL PhD Assoc Ext Prof Sheep Prod 12G L CROMWELL PhD Assoc Prof Swine

3A C DAVIS BS Area Ext Spec Poultry
3B T DEAN PhD Assoc Ext Prof Area Swine Spec

2W P DEWEESE MS Res Spec Sheep Prod 3MIKE DUFF PhD Ext Prof Dairy Sci

12R H DUTT PhD Prof Physiol of Reprod

2D G ELY PhD Asst Prof Sheep Nutr

2J D FOX PhD Asst Prof Foods Biochem

12T R FREEMAN PhD Prof Dairy Technol 23NELSON GAY PhD Assoc Prof Beef Cattle

2ROBERT GOODWILL PhD Asst Prof Genet

3R C GRAVES MS Area Ext Spec Poultry

12V W HAYS PhD Prof Swine Nutr

2R W HEMKEN PhD Assoc Prof Dairy Sci 23W M INSKO Jr MSA Prof Livestock Impr

2D R JACOBSON PhD Prof Dairy Nutr

3R H JOHNSON PhD Asst Ext Prof Beef Cattle

12TH JOHNSON MS Res Spec Prod

12J D KEMP PhD Prof Meats

2D D KRATZER PhD Assoc Prof Expt Statis

12B E LANGLOIS PhD Assoc Prof Dairy Bact

3D O LIPTRAP PhD Asst Ext Prof Swine

2C O LITTLE PhD Prof Anim Nutr

2D RLOVELL MS Res Spec Beef Cattle

2D W MACLAURY PhD Prof Poultry Genet

12G E MITCHELL Jr PhD Prof Nutr

12W G MOODY PhD Assoc Prof Meats

Animal Sciences_Continued

3MASON MORRISON MS Area Ext Spec Livestock 3J H NICOLAI Jr PhD Asst Ext Prof Dairy Prod 12DURWARD OLDS DVM PhD Prof Physiol of Reprod 2J R OVERFIELD MS Res Spec Livestock (PO

Princeton) 4FRANK PINKERTON PhD Asst Ext Prof Dairy Sci

3G D POTTER PhD Asst Ext Prof Horses

2J C ROBERTSON PhD Ext Prof Swine

12A W RUDNICK Jr PhD Assoc Prof Dairy Technol

1KOB RYEN MS Asst Prof Light Horses

12F A THRIFT PhD Asst Prof Beef Brdg

4F. C. TROUTMAN MS Ext Spec Dairy Prod 2R E TUCKER PhD Asst Prof Nutr

3J W TUTTLE PhD Assoc Ext Prof Poultry Prod

2H H VAN HORN PhP Assoc Prof Dairy Nutr

3W Y VARNEY PhD Ext Prof Meats Util

3J R WALLS MS Area Ext Spec Dairy Sci 3J C WHITE MS Res Spec Poultry

3M D WHITEKER PhD Ext Prof Swine Prod

3R D WOOD PhD Asst Ext Prof Swine

Economics (Agr)

4180

123R W RUDD PhD Prof Dept Chmn (606-258-9000 Ext 2651)

12D M SHUFFETT PhD Prof Vice Chmn Mktg and Statis

3S Q ALLEN MS Ext Spec Farm Mgt

12K R ANSCHEL PhD Assoc Prof Econ Devlpmt Mktg
12B R BEATTIE PhD Asst Prof Res Econ

12R L BECK PhD Assoc Prof Dairy Mktg

123W C BINKLEY MS Assoc Prof Coop 12B W BOBST P¹.D Assoc Prof Mktg

12J H BONDURANT PhD Prof Land Econ
2A F BCRIETATIX It PhI Asst Prof Agr Policy
12G L BRADFORD PhD Assoc Prof Prod Econ

2RH BRANNON PhI' Assoc Prof Agr Econ Devlpmt

3WILMER BROWNING PhD Asst Ext Prof Prod Econ

3S A CALLAHAN MS Area Ext Spec Mktg
3D G CLAMPET MS Area Ext Spec Farm Bus Anal

12C M CLARK MS Assoc Prof Tobacco Mktg

3H D COLLINS BS Area Ext Spec Farm Bus Anal 1J E CRISWELL PhD Asst Prof Farm Mgt

3J E FUQUA MS Area Ext Spec Farm Bus Anal

1E D GOOCH PhD Asst Prof Hort Mktg

2H H HALL PhD Asst Prof Statis

3D M HENSHAW MS Area Ext Spec Farm Bus Anal

3W W HOURIGAN PhD Asst Ext Prof Public Policy
12F F. JUSTUS Jr PhD Prof Farm Mgt

3H G LOVE PhD Asst Ext Prof Agr Mktg Firms

3EVERETTE MACKEY MS Ext Spec in Poultry Egg Mktq 12L L MATHER PhD Asst Prof Agr Mktg

2W H MINTON MS Asst Prof Fruit and Veg Mktg

3A I OVERALL MS Area Ext Spec Form Bus Anal 12J C REDMAN PhD Prof Prod Econ

2J B ROBERTS MS Prof Dairy Mktg

3B R ROBERTSON MS Ext Spec Agr Mktg

3H E ROTHWELL BS Area Ext Spec Mktg 3Z C SAUFLEY MS Ext Spec Livestock Mktg

3W E SEALE MS Area Ext Spec Farm Bus Anal 12E D SMITH PhD Prof Coop

5J G STOVALL PhD Asst Prof (Adjunct Series) Agr Econ Farm Mgt

3L K TRAVIS MS Area Ext Spec Farm Bus Anal

Engineering (Agr)

4190

123B F PARKER PhD Prof Dept Chmn (606-258-9000 Ext 26431

12BJ BARFIELD Phil. Asst Prof Coal and Water

2J B BROOKS MS Assoc Prof Farm Structures

2J M BUNN PhD Assoc Prof Tobacco Res

2J H CASADA MS Res Spec Farm Mach

3G A DUNCAN MS Ext Spec Tobacco Hort Facil

3H E HAMILTON MS Ext Spec Mater Handling 12C T HAAN PhD Asst Prof Soil and Water

5W H HENSON PhD Assoc Prof (Adjunct Series) Tobacco Res

3K C MILLS BS Ext Spec Housing

5J E MORRISON Jr MSE Res Spec (Adjunct Series) Mech of Tobacco Stripping

3C H READ MS Ext Spec Swine Grain Facil

KENTUCKY 4190-4240

Engineering (Agr)-Continued

12I J ROSS PhD Prof Proc 12E M SMITH MS Assoc Prof Farm Mach

3G M TURNER MS Ext Spec Dairy Poultry Facil
12J N WALKER PhD Prof Farm Structures

5L R WALTON MS Res Spec (Adjunct Series) Tobacco Res

12G M WHITE PhD Assoc Prof Elec Power and Proc

5E E YODERMS Res Spec (Adjunct Series) Tobacco Res

1E R YOUNG MSAE Assoc Prof Form Mach

Entomology 4200

123B C PASS PhD Assoc Prof Dept Chmn (606-258-9000 Ext 2735)

2D L DAHLMAN PhD Asst Prof Ins Physiol

2R B DAVIS BS Res Anal Toxicol

2H W DOROUGH PhD Prof Toxicol

12P H FREYTAG PhD Assoc Prof Taxon

3W W GREGORY Jr PhD Asst Ext Prof

2GA JONESMS Res Spec Ins

4F W KNAPP PhD Assoc Prof Med Vet Ent

2J C PARF MA Res Spec Forage Legume Ins

12J G RODRIGUEZ PhD Prof Fruit Veg Ins 3R A SCHEIBNER PhD Assoc Ext Prof Agr Ent

12RICHARD THURSTON PhD Prof Tobacco Ins

12L H TOWNSEND PhD Prof Agr Ent

7H G TILSON MS Dept State Ent Tree Ornam Ins

Extension 4210

ADMINISTRATION

123CE BARNHART PhD Dir 3J L RAGLAND PhD Assoc Dir 3E M TREW Jr PhD Asst Dir

23G D PENDERGRASS MS Dir Mgt Oper

123R R RANTA PhD Dir Agr Pers

3MIKE DUFF PhD Asst Dir of Ext for Devlpmt
3S H PHILLIPS MS Asst Dir of Ext for Agr

3DORIS A TICHENOR PhD Assoc Dean Sch of Home Econ for Ext Asst Dir of Ext for Home Econ

3H H VAN HORN PhD Asst Dir of Ext for 4-H

3M R BARNETT PhD Area Ext Dir Educ

3B F BROWN MS Area Ext Dir Dairy Prod

3MAURICE COLE MS Area Ext Dir Ext Adm and Prog

3J H EWING Jr BS Area Ext Dir Ext Adm and Prog 3J W KIDWELL MS Area Ext Dir Adult Educ

3J E LAWSON MS Area Ext Dir Adult Educ 3L T LOUDERBACK PhD Area Ext Dir Forage

3H H POPE BS Area Ext Dir Area Studies

3W R SUMMERHILL PhD Area Ext Dir Educ

3P K TEAGUE MA Ext Dir Educ

3J B THORNTON MS Area Ext Dir Educ

3A PUTZ Jr PhD Ass∞ Ext Prof Area Ext Dir

3B E WHEELER MS Area Ext Dir Educ

3L C WHITE MS Area Ext Dir Adm Prog

AGRICULTURE

3S H PHILLIPS MS Asst Dir of Ext for Agr (606-258-9000 Ext 2626)

DEVELOPMENT

3MIKE DUFF PhD Asst Dir of Ext for Devlpmt (606-258-9000 Ext 2627)

23G A ARMSTRONG BS Area Ext Spec Community Res Devlomt

3L D BALL MS Area Ext Spec Adult Educ Community Res Devlpmt

3H E BALL MS Area Ext Spec Educ Community Res Devlpmt

3J S BAXTER MS Area Ext Spec Tourism and Recreation Community Res Devlpmt

3H B BROWN MS Area Ext Spec Community Res Devlpmt

3W R BRIDGES MS Area Ext Spec Community Res Devlomt

3B F CAUDILL BS Area Ext Spec Community Res ${\tt Devlpmt}$

3H W COOTSBS Area Ext Spec CommunityRes Devlpmt 3CHARLIE DIXON MS Prog Spec Community Res

Devlpmt 3J N FARRIS MS - Area Ext Spec Community Res Devlpmt

Extension-Continued

3A E KILBOURNE BS Area Ext Spec Community Res Devlpmt

3R A MABRY MS Area Ext Spec Educ Community Res Devlomt

3W R MILLER MS Area Ext Spec Community Organ Community Res Devlpmt

3E R NETHERLAND MS Area Ext Spec Community Res Devlomt

3GILBERT SEARS BS Area Ext Spec Agr Econ Community Res Devlpmt

3J A TAYLOR MS Area Ext Spec Adult Educ Community Res Devlpmt

3A B WEBB MS Area Ext Spec Consult Guid Community Res Devlpmt

3REX WESLEY MS Area Ext Spec Ext Educ Community Devlomt

4-H

3H H VAN HORN PhD Asst Dir of Ext for 4-H (606-258-9000 Ext 2618)

3G M BASTIN MS Ext Prog Spec

3FRED BROCKMAN MS Ext Spec Agr Educ

3J C FELTNER MS Ext Prog Spec Agr Educ

3J H HELLER MS Ext Spec Agr Educ

3HELEN HORTON MS Ext Spec Home Mgt Inst Mgt

3GRANVILLE KING Jr MS Area Ext Spec

3J D NIECEMS Area Ext Spec Educ Admin

3DONNA F ROBERTSON MS Ext Spec Home Econ Child Devlomt

HOME ECONOMICS EXTENSION

3DORIS A TICHENOR PhD Asst Dir of Ext for Home Econ (606-258-9000 Ext 2804)

3ESTHER J BROWN BS Area Ext Spec Cloth Text
3REBA K BULLEN MS Area Ext Spec Fam Econ
3Mrs YVONNE Y GILES BS County Ext Agt Home Econ

3Mrs LUCY T HAMMONDS MS Ext Prog Coord Foods Nutr

3Mrs RACHEL D HOPKINS BS Area Ext Agt Home Econ

3Mrs ANN C HOWELL MS Ext Spec Consum Inform

3EVELYN H JOHNSON PhD Asst Ext Prof Ext Spec Food Nutr

3Mrs THELMA B JOHNSON BS Area Ext Agt Foods

3CAROL A KLINE BS Area Ext Agt Foods Nutr

3Mrs CPAL H MANN MS Ext Prog Spec

3Mrs EMMA P MAXFIELD MS Area Ext Agt Foods Nutr

3SHELLA E PROCTOR BS Area Ext Agt Home Furnish 3Mrs MARCY D STEWART BS Prog Spec Home Econ 3WILMA VANDIVER BS Prog Spec Home Econ

Forestry

4220

123THOMAS HANSBROUGH PhD Prof Chmn (606-258-9000 Ext 2620)

120 M DAVENPORT MS Prof Wood Util

1D H GRAVES Res Spec For Mgt 1M C HAMMETTER MS Instr For Mgt

1R L HOWARD BS Instr For Mgt

3J A NEWMAN BS Ext Spec For Mgt

2MILTON NOBLE BS Res Spec For Mgt
2D B RICHARDS PhD Prof For Prod

2R C TANG PhD Asst Prof Wood Phys Wood Sci

Home Economics, School of

4240

13BETTY J BRANNON PhD Prof Dean Sch Home Econ (606-258-9000 Ext 2781)

3DORIS A TICHENOR PhD Assoc Ext Prof Assoc Dean Sch of Home Econ for Ext

12L V PACKETT PhD Assoc Prof Chmn Nutr Food Sci (606-258**-9000** Ext 2781)

3MARIAN BARTLETT MS Ext Spec Home Furn 3Mrs MARY D BROWDER MS Ext Spec Parent Educ and Child Devlpmt

3Mrs SUE W BURRIER MS Ext Spec Foods Nutr

12Mrs LINDA L H CHEN PhD Asst Prof Metabolism

3B E COODY PhD Assoc Ext Prof Ext Spec Family Life

12J R FORDHAM PhD Asst Prof Metabolism

KENTUCKY-LOUISIANA

Home Economics, School of-Continued

3ELIZABETH HELTON MS Ext Spec Foods and Nutr 3Mrs GLADYS M LICKERT MS Ext Spec Home Mgt 2ABBY L MARLATT PhD Prof Food and Mktg Res 3MARY H MARSHALL BS Ext Spec in Cloth 3Mrs FLORENCE PARKERMS Ext Spec Home Mgt 3KATHRYN G SEBREE MA Ext Spec Home Furn 3GERTRUDE SKERSKI MS Asst Prof Nutr Res 3HELEN M STEVENS MS Ext Spec Home Mgt 3Mrs RACHEL R WALLACE MS Ext Spec Cloth 12Mrs CLAUDIA E WELLS MS Asst Prof Food Technol

4250 **Horticulture**

123H C MOHR PhD Prof Dept Chmn (606-258-9000 Ext

3D A APPS PhD Asst Ext Prof Flor and Ornam

3W D ARMSTRONG MS Ext Spec Fruits (PO Princeton)

2J W BUXTON MS Res Spec Flor

12C E CHAPLIN MS Assoc Prof Fruits

3H W DAVIS MS Ext Spec Veg

12M E FOGLEMAN PhD Asst Prof Veg

3R W HENLEY PhD - Asst Ext Prof Flor and Ornam

2T R KEMP PhD Asst Prof Res Veg

12D E KNAVEL PhD Assoc Prot Ved

2A M LASHEEN PhD Assoc Prof Plant Physiol 12R G LOCKARD PhD Assoc Prof Fruit

2D C MARTIN PhD Assoc Prof Hort Proc

2D C MILBOCKER PhD Asst Prof Ornam Weeds

3C R ROBERTS PhD Ext Prof Veg

1HORSTSCHACH MS Instr Ornam 2GW SCHNEIDER PhD Prof Fruits

3R A SHEPHARD MS Area ExtSpec (PO Quicksand)

3L H SMALL BS Area Ext Spec Hort

12L P STCLTZ PhD Assec Pro: Flor and Ornam

4260 Plant Pathology

123STEPHEN DIACHUN PhD Prof Dept Chmn (606-258-9000 Ext 2878)

4% M BROWN PhD Asst Ext Prof Fungal Dis

12R A CHAPMAN FhC Prof Plant Nematol
2J W HENDRIX PhD Assoc Prof Physiol of Plant Dis 2LAWRENCE HENSON MS Assoc Prof Forage Legume

Dis

5C C LITTON MS Res Spec (Adjunct Series) Asst Genet of Tobacco Dis

2T P PIRONE PhD Assoc Prof Virol

2M R SEIGEL PhD Assoc Prof Physiol Plant Dis

2J G SHAW PhD Assoc Prof Virol

2G W STOKES PhD Prof Genet of Tobacco Dis

2H E WHEELER PhD Prof Fungal Dis

3AS WILLIAMS PhD Ext Prof Dis Control

2C Y YANG PhD Asst Prof Physiol Plant Dis

4280 Public Information and Educational Aids

23J R RUSSELL AB Dept Chmn (606-258-9000 Ext 2641) 3BLANCHE BUSHONG AB Ext Spec Inform Press

2J G DUNCAN MS Assoc Prof Ed Pub

3Mrs JULIA J HENSLEY BS Ext Spec in TV

3R L REES PhD Ext Spec Radio TV

3G O RUTHERFORD BA Ext Spec Inform Press

3J N SHACKLEFORD Area Agt Inform (PO Quicksand)

3J A SMITH PhD Prof Ed Pub

3J B WILLIAMS MS Ext Spec Vis Aids

4290 Regulatory Services

7A B POUNDSTONE MS Dir (606-258-9000 Ext 2121)

7T W STILL MS Dir Seed Prog

7P R CAUDILL PhD Asst Prof Asst Dir Chem Feed and Fert

7J S HARRISON MS Asst Prof Feed and Fert 7W J HUFFMAN MS Regulatory Spec Feed and Fert

7W L KING BS Regulatory Spec Feed and Fert

7V C MIDKIFF MS Regulatory Spec Chem Feed and Fert

7W K ROBERTSON BS Regulatory Spec Feed and Fert

7J A SHRADER MS Senior Res Anal Feed and Fert

Sociology (Rural) 4300 123W F KENKEL PhD Prof Dept Chmn (606-258-9000 Ext

2118)

2H W BEERS PhD Prof

Sociology (Rural)—Continued

12J S BROWN PhD Prof Migration Regions Instr

12R J BURDGE PhD Asst Prof Recreation Res Use 2C M COUGHENOUR PhD Prof Organ Small Groups

12AL COLEMAN PhD Prof Diffusion of Technol Inter-

group Relat

4T R FORD PhD Community Demography Med Social

3R J RAMSEY MA Ext Spec Community Group Dynam Prog Plan

3F A SANTOPOLO PhD Ext Prof Community Social Change Eval

3M E VOLANI Phi Asst Ext Pro: Sociol 5E G YOUMANS PhD Assoc Prof (Adjunct Series) Gerontol Occup Dynamics Educ

4310 Miscellaneous

1CURTE FERGUSON BS Dir of Col Relat 23T P HEAD BS Asst to Dean and Dir 123R RANTA PhD Ext Prof Dir Agr Pers

Veterinary Science

4315

123J H DRUDGE DVM ScD Prof Dept Chmn (606-258-9000 Ext 2692)

2J T BRYANS PhD Prof Microbiol

12M W CROWE DVM Ass∞ Prof Clin Sci 25 D HAFPINGTON PhD Asst Prof Nutr

3DE LABORE DVM Assoc Ext Prof Vet Med

2R G LCY PhD Assec Prof Reprod

2E T LYONS PhD Assoc Prof Parasitol

2W H McCOLLUM PhD Prof Microbiol

2D O MORGAN PhD Asst Prof Virol

12M E PRICKETT PhD Asst Prof Path 2T W SWERCZEK PhD Asst Prof Path

2J C WILSON MS Res Spec Virol

3W E WISE DVM Asst Ext Prof Ext Vet

4320 Substations

Robinson Substation (PO Quicksand)

23G A ARMSTRONG BS Supt

Western Kentucky Substation (PO Princeton)

2P P APPEL BS Supt

Kentucky State College, Frankfort, Kentucky 40601 (Main tel 502-223-2052)

1College Staff

4330

1C M HILL PhD Pres ot Col (502-564-6260)

1A J RICHARDS PhD Dean of Col (502-564-6442)

1E W MORRIS EdD Registrar of Col (502-564-6340)

1L E ALEXANDER PhD Prof Biol and Head of Dept 1J B BROWN MA Assoc Prof Chem

1Mrs ORA M CHEANEY MS Asst Prof Home Econ

1W L DIXON MA Assoc Prof Biol 1W J FLEMING PhD Assoc Prof Biol

1Mrs EMILIE S HIGH MA Asst Prof Teacher Trainer

and Actg Head of Dept of Home Econ

1RUTH KING MS Instr Cloth

1Mrs C J LEE PhD Asst Prof Home Econ 1J C LETTON PhD Assoc Prof Chem

1E D RAINES PhD Prof and Head of Dept of Chem
1Mrs GERTRUDE L RIDGEL PhD Prof Biol

1A L SURRATT MS Asst Prof Agr (2-yr Prog)

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College, the Agricultural Experiment Station, and the Cooperative Extension Service, University Station, Baton Rouge 70803 (Main tel 504-388-5011)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 9A-TR, M-S Program.

4340-4400 LOUISIANA

4380

Animal Science (504-388-2635)—Continued

12J W TURNER PhD Assoc Prof Brdg and Statis 1J A HUNTER PhD Pres of Univ Syst 1C G TAYLOR PhD Chanc of Main Campus 2M J VASCOCU Assoc 1J N EFFERSON PhD Vice Chanc and Dean of Col of 12C K VINCENT PhD Assoc Prof Physiol 3CARROL WILSON PhD Spec Anim Husb (4-H Beef and Agr (504-388-4161) 1R H HANCHEY PhD Assoc Dean of Col of Agr and Sheep) 2A E YOUNG MS Assoc Anim Nutr Dir of Resident Instr (504-388-2065) **29DOYLE CHAMBERS** PhD Dir of Sta (504-388-4181) **3J A COX** MS Dir of Coop Ext (504-388-4141) Botany and Plant Pathology (504-388-1464) 12S J P CHILTON PhD Prof Plant Path and Chmn of 2H R CAFFEY PhD Assoc Dir of Sta (504-388-4182) Dept and Head of Plant Path Res 3C E KEMMERLY Jr MS Assoc Dir of Coop Ext 12A A ANTONOPOULOS PhD Asst Prof Plant Pathogenic 3D H SPURLOCK MS Asst Dir of Coop Ext (Bus and Fungi **2**LOUIS ANZALONE Jr PhD Prof Sugarcane Varieties IN E THAMES MS Asst Dir of Coop Ext (Prog) 2L F BAEHR MS Assoc Cotton
12J B BAKER PhD Prof Physiol Weeds 10 M COCO BS Comptroller 5W B BIRCHFIELD PhD Nematol Agronomy (504-388-2110) **4350** 1L L BLACK PhD Asst Prof Plant Path 1C A BROWN PhD Prof Taxon Ecol 12W H WILLIS PhD Prof Soil Microbiol and Head of Dept 2E H ANDRIES BS Assoc Cotton Brda 3R B CARVER PhD Extension Asst 2D A ANTIE BS Assoc Soil Phys 2PEGGY M DENHAM BS Assoc Cotton 2J L BAPTLESON BS Assoc Cotton Brdg 2T J DIVITTORIO BS Assoc Pes 2WP BONNERMS Assoc Soil Test 1BEATRICE B EXNER PhD Assoc Prof Bot and Anat 2R H BRUPBACHER Jr MS Asst Prof Soil Test 12I L FORBES PhD Prof Dis Sugarcame 3T A BURCHPhD Spec Cotton 12A G CALDWELL PhD Prof Soil Chem 1J G GOSSELINK PhD Assoc Prof Physiol 12G E HOLCOMB PhD Assoc Prof Dis of Ornam Plants 2C R CHANEY BS Assoc Forage Crops 3O D CURTIS MS Assoc Spec Soils 2J P HOLLIS PhD Prof Nematol 2N L HORN PhD Assoc Prof Fungus and Virus Veq 2R D DELAUNE BS Assoc Soil Res 12E P DUNIGAN PhD Asst Prof Soils Crops 2G D LINDBERG PhD Assoc Prof Fungus Rice 2RM ENGLERMS Assoc Soils 2L E GOLDEN PhD Assoc Prof Soil Fert 1BERNARD LOWY PhD Prof Mycol 12M T HENDERSON PhD Prof Genet and Sugarcane Brda 1W J LUKE PhD Asst Prof Biology 2W J MARTIN PhD Prof Virus and Fungus Sweet-**3**L C HILL MS Spec Rice Corn and Small Grains 12B J HOFF PhD Asst Prof Rice potatoes 12W C NORMAND PhD Asst Prof Physiol Sugarcane 2E F JENKINS BS Assoc Soybeans 2E D PALIATSEAS PhD Assoc Prof Brdg Sugarcane 12J E JONES PhD Prof Brdg Cotton 3D T LOUPE PhD Spec Sugarcane 2J A PINCKARD PhD Prof Fungus Cotton 12R L ROGERS PhD Asst Prof Physiol Weeds 12S A LYTLE BS Assoc Prof Soil Surv 1C A SCHEXNAYDER PhD Assoc Prof Bot and Biol 2P G MARTIN Jr BS Assoc Com 2J BP A MAJOR BS Assoc Cotton Genet 2E R STAMPER MS Prof Weeds Sugarcane 2R J STEIB PhD Prof Virus and Fungus Sugarcane 2L F MASON MS Assoc Prof Brdg Com 1Mrs SHIRLEY TUCKER PhD Asst Prof Bot and Biol 3L L McCORMICK PhD Spec Chem Weed 1R L MILLER PhD Assoc Prof Field Crops 2Mrs SY YING C WANG PhD Instr Cotton 2T O WARE BA Assoc Cotton Dis 2S J ZAUMBRECHER BS Assoc Soybeans 2C L MONDART Jr PhD Prof Forage Crops 3W E MONROE MS Spec Proj Leader Pasture Forage Crops Cotton Fiber Laboratory (504-388-2206) 2B E NEWMAN MS Assoc Prof Soil Fert and Supt St 2WILBUR AGUILLARD MS Asst Prof and Supvr of Lab Gabriel Sta 2Mrs RITA M GRAHAM Assoc Fiber Tech 2A L NUGENT PhD Asst Prof Soil Test 2C R OWEN MS Assoc Prof Brdg Forage Crops Dairy Science (504-388-4411) 12W H PATRICK Jr PhD Prof Soil Phys 12W J PEEVY PhD Prof Soil Fert
2RAY BICAUD PhD Assoc Prof Soil Fert Sugarcane 124J B FRYE Jr PhD Prof Prod and Head of Dept 12A S ACHACOSO PhD Asst Prof Nutr 3H W ANDERSON PhD Spec Proj Ldr (Brdg and Nutr) 12J E SEDBERRY Jr PhD Prof Soil Chem 2F W SELF MS Assoc Prof Brdg Cotton 2J F BEATTY MS Assoc Physiol 12CECIL BRANTON PhD Prof Brdg and Genet 2G W STRINGFIELD BS Assoc Com 3G W COOPER MS Area Agent Dairy Mgt 2K W TIPTON PhD Assoc Prof Brda Cotton 2D L EVANS MS Instr Brdg and Genet 2CUFTIS WILLIAMS PhD Asst Prof Soybean Brdg 1J H GHOLSON PhD Prof Tech 3BUCK GREEN PhD Spec Prod Animal Science (504-388-2635) 4360 1L D GUTHRIE MS Instr Nutr 12G L ROBERTSON PhD Prof Physiol and Head of Dept 3BL KILPATRICK MS Assoc Spec Dairy Replacement 2L P BERTRAND Assoc Genet (4-H)3A D FITZGERALD MS Spec Swine 2J A LEE MS Assoc Physiol 2W W FORMAN Jr BS Assoc Nutr 12F G HEMBRY PhD Asst Prof Nutr 3N J MATHERNE PhD Spec Dairy Records 12J D ORTEGO MS Instr Microbiol 12P EHUMES PhD Asst Prof Sheep 12T E PATRICK PhD Prof Brdg and Physiol 2C J LeBLANC Assoc Swine 2R J . UCKFTT M. Assoc Meats 12S E McCRAINE MS Prof Horses 2Mrs MARGARET C PINERO MS Assoc Physiol 12J D ROUSSEL PhD Assoc Prof Physiol
12L L RUSOFF PhD Prof Nutr
1J M TAYLOR BS Assoc Dairy Prod
2W H WATERS BS Assoc Mgt 3C O McKERLEY MS Spec Horses 2T O McRAE BS Assoc Beef Cattle Brdg 2W D SIMONEAUX BS Assoc Swine
2C B SINGLETARY MS Assoc Prof Beef Cattle

(PO Clinton)

12L ISMART PhD Asst Prof Purebred Beef Cattle

3J S SULLIVAN Jr PhD Assoc Spec Livestock Testing

2EDWARD SPILLMAN BS Assoc Horses

12D M THRASHER PhD Prof Anim Nutr 2H H TOLUSSO Jr Assoc Cattle Mgr

4340

5BILL BOLTON MS Agr Econ Farm Mgt Prod Econ 3L A CARVILLE MS Assoc Spec Proj Ldr Farm Mgt **7**3

4400

Economics (Agr) and Agribusiness (504-388-3282)

12W H ALEXANDER PhD Prof Dairy Mktg

12J R CAMPBELL PhD Prof Farm Mgt

Head of Dept

12F H WIEGMANN PhD Prof Farm Mgt and Policy and

4390

LOUISIANA 4400-4445

Economics (Agr) and Agribusiness (504-388-3282)—Continued Engineering (Agr) (504-388-3154)—Continued 124F L CORTY PhD Prof Agr Econ 3W D CURTIS MS Spec Proj Ldr Econ 2B J COCHRAN MS Asst Prof Mech 2MOSTAFA ESPHAHANI BS Assoc Soil and Water 3W A HADDEN MS Assoc Spec Irrig and Mach 12E A LANDRY Jr MS Instr Soil and Water 3N R DRY MS Spec Proj Ldr Res Devlpmt 12L L FIELDER PhD Prof Price and Statis 2C F FRANCOIS MS Instr Mktg
5A R GERLOW PhD Agr Econ Farm Mgt 12M M MAYEUX MS Prof Power and Mach 2T J NISSING BS Asst Prof Farm Bldgs 3J D GCODWIN PhD Assoc Spec Mktg
3R M GRIGSBY DPA Spec Proj Ldr Mktg 5J F PARR PhD Prof Soil Microbiol
12W D POOLE MS Prof Mach and Crop Proc 2D L ROBERTS MS Asst Prof Sugarcane and Cot 2L J JUEDRY MS Asst Prof Res Devlpmt 2R T HARRISON BS Assoc Res Devlpmt Mech 5ARTHUR HEAGLER MS Prod Econ 3C E SEVERANCE MS Spec Proj Ldr Mach 2R C HODSON Jr MS Instr Agr Finance 31 L SMILIE MS Spec Mach 12J F HUDSON PhD Prof Cotton Mktg 5SAMMIE SMITH Jr MS Soil Chem 12D C HUFFMAN PhD Assoc Prof Form Mgt 34D R STIPE MS - Assoc Spec Harvest and Storage Grain 3J M KEES BS Area Agt Res Devlpmt 12J M LAW PhD Prof Fruit and Veg Mktg 2M D SWANNER BS Asst Prof Erosion Control 2J E WEBB MS Instr Rice Proc 3H E McFATTER MS Spec Livestock Mktg 5G H WILLIS PhD Soil Res Chem 2A J MORGAN BS Assoc Farm Mgt 2D L MCRRIS BS Instr Farm Mgt 12F T WRATTEN MS Prof Elec Power and Proc 3MERRIBEL J OTTENHOUSE MS Assoc Spec Consumer Mkta Entomology (504-388-1634) 3W TPOWELL MS Area Agt Res Devlpmt 12L DNEWSOM PhD Boyd Prot and Head of Dept34J L BAGENT PhD Assoc Spec 12F J RAFELD PhD Asst Prof Farm Mgt 12E P ROY PhD Prof Coops and Poultry Mktg Agr Bus 12H B BOUDREAUX PhD Prof Ent Ins Pests 34C J ST CLERGY PhD Public Affairs 5H R BULLOCK PhD Res Ent 5M L BURKS Jr BS Chem 12E C BURNS PhD Prot Ins Pests 2A RSCHUPP PhD Asst Prof Livestock Mktg 12H D TRAYLOR PhD Prof Grain Mktg Agr Bus 3ELIZABETH WILLIAMS MS Spec Proj Ldr Consum 3E A CANCIENNE MS Assoc Spec Proj Ldr Educ 21. Irs JOAN B CHAPIN MS Assoc Taxon 124W F WOCLF PhD Assoc Prof Farm Mat and Prod Econ 12D F CLOWER PhD Prof Ins Pests 2E J CONCIENNE BS Instr Ent (PO Centerville) 5N W EARLE PhD Ent and Invest Ldr 2Mrs CHARLOTTE J FAISON BS Assoc Soybeans Editorial and Publicity (504-388-4141) 4410 23A V PATTERSON Jr MS Spec Ed and Proj Ldr 3T C BOYD Jr BA Asst Spec Ed 3D W DARDEN MA Assoc Spec Ed 2D E DIDIER BA Asst Ed 2L V GEORGE BS Ed 2E H FLOYD MS Prof Ins Pests 3J F FCWLER PhD Ext Asst 5J R GIFFORD MS Ldr Rice Ins Invest 12J B GRAVES PhD Assoc Prof Ent Physiol
12A M HAMMOND PhD Asst Prof Ent Physiol 3J L LEINHARDT MA Asst Spec Ed 3P H MASSEY BA Asst Spec Civ Def 2W G HARRIS MS Assoc Livestock 3Mrs EDYTHE A McLEAN BA Asst Spec Bul 3Mrs RUTH F THOMPSON MA Asst Spec Artist 23Mrs MARY W THRASHER BFA Asst Spec Ed Artist 12S D HENSLEY PhD Prof Ins Pests 3J W IMPSON MS Ext Asst Pesticides Safety
2R L JENSEN MS Assoc Soybean 2E J KANTACK PhD Prof Ins Pests Education (Vocat) (504-388-2003) 4420 5N M KAUFFELD PhD Invest Ldr Bee Brdg 1C L MONDART Sr PhD Prof and Head of Agr Educ and 5T LEHNERT BS Bee Brdg Dir of Sch of Vocat Educ 5OTTO MACKENSEN PhD Ent Apic 1N A HAUER PhD Prof and Head of Dept of Indus and 5W C NETTLES PhD Ent Physiol 5R A NIELSEN MS Res Ent Bee Brdg Tech Educ 12A DOLIVER Jr PhD Prof For Ins Pests 1J C ATHERTON EdD Prof Agr Educ 1L A BRAUD MS Assoc Prof Trade and Indus Educ 2B F CLIVER PhD Asst Prof Rice 5G J REYNOLDS BS Agr Res Tech Ins IC M CURTIS PhD Assoc Prof Agr Educ
1L H DOBBINS PhD Instr Vocat Agr Educ 2C G RICHARDSON BS Assoc 1D D GAMBLE MS Asst Prof Agr Educ 1J H ROBERTS PhD Prof Taxon 5W C POBERTS PhD Bee Stock Invest Ldr 12L H ROLSTON PhD Prof Truck Crop 1L W HARRELL MS Assoc Prof Indus and Tech Educ 1AM HCOVER Jr MEd Asst Prof Indus and Tech Educ 1J H HUTCHINSON PhD Assoc Prof Agr Educ 12J S ROUSSEL PhD Prof Ins Pests 1Mrs THELMALEONARD EdD Prof Vocat Home Econ 2W T SPINK PhD Prof Structural Pests Educ 2C D STEELMAN PhD Assoc Prof Livestock Pests 14Mrs KATHRYN MACKENSEN MS Assoc Prof Vocat 5K W TUCKER BS Res Ent Apic 3J S TYNES PhD Spec Home Econ Educ 5E J VILLAVASO MS Agr Biol Lab Tech 1J G McMURRAY PhD Asst Prof Indus Educ 1P V ROUGON MS Assoc Prof Indus Arts 12J R #ALKER PhD Assoc Prof Ins Pests and Asst to 1E G SMITH MS Assoc Prof Indus Arts
1Mrs RUTH SYLVEST MS Asst Prof Vocat Home Econ Vice Pres for Inst and Res 5J L WILLIAMS MS Ento Bee Brdg Educ 2B H WILSON PhD Assoc Prof Livestock Ins Pests 1W R YOUNGER MS Asst Prof Indus and Tech Educ

Engineering (Agr) (504-388-3154)

4430

12C H THCMAS PhD Prof Power Mach and Head of Dept

3F E BAKER BS Ext Asst

12H J BRAUD Jr PhD Assoc Prof Farm Bldgs and Soil and Water

5C R CAMP PhD Agr Engin

5B R CARROLL MS Soil Chemist

5C E CARTER BS Agr Engin and Hydraulics
12W H CARTER MS Prof Power and Mach

2S H CRAWFORD BS Instr Cot Mech

4435

Experiment Station Administration (504-388-4181)

4440

29DOYLE CHAMBERS PhD Dir 2H R CAFFEY PhD Ass∞ Dir 2T E GLAZE PhD Asst to Dir Fiscal 12J S ROUSSEL PhD Asst to Dir and Coord Cotton Res

Experimental Statistics (504-388-6192)

4445

12B R FARTHING PhD Prof Statis and Head of Dept

1R A CHRISTOPHER MS Assoc Statis

12K L KOONCE PhD Asst Prof Statis

12P E SCHILLING PhD Assoc Prof Statis

LOUISIANA 4450-4510

Extension Administration (504-388-4141)

3J A COXIMS Dir of Agriand Home Econ Ext

3D L JONES PhD Asst Dist Agt

3C E KEMMERLY Jr MS Assoc Dir of Agr and Home Econ Ext

3D H SPURLOCK MS Asst Dir Bus and Pers

3N E THAMES MS Asst Dir Prog

Extension Supervision (504-388-4141)

4460

4450

3J C ARCHIE BS Asst Mgr Livestock Shows (Sou Univ) 3R BBROWN MS List Prog Spec Cent SW Dist

3Mrs CHARLOTTE E CALDWELL MS Home Econ Agt (Spec Prog)

3R J COURTNEY MS Assoc State Agt

3W A LOWNS MS Asst Aut North Fist

3Mrs MARY C DUCHANEY MS - Area Agt Nutr

3M L DUTY BS - Assoc Area Agt Comm. and Leadership

3BRUCE PLINT PhD Ting Spec and Prof of Ext Educ

13E W GASSIE Ph. Trng Spec and Prof Ext Educ

3Mrs ADA W HANCHEY MS Dist Prog Spec Home Econ

3E E HODGKINS MS As at 19st Aut North Dist 13J H JONES Jr PhD Prog Anal and Prof Sociol 3C W KENNEDY MS Assoc State Agt and Mgr Livestock Shows

3A G KILLGORE MS State Agr Agr 31 A LAMENDOLA MS (List Aut (Southwestern) 3J V LOWE MS (Assoc Area Aut Livestock Frod and Mktg

3E R McCRORY MS Central Southwest Dist Agt

3V P MURRAY MS Asst Dist Agt 3R R PERRY Jr BS Ext Asst

3RUPERT PERRY MA State Agt Home Econ

3L L PESSON PhD Spec and Prof and Head of Dept Ext Educ

3VAN REECH MS Area Agt Dairy Frod and Mktg

3Mrs GEORGIA D SANDERS MS Asst Prog Spec

3W I SENSLEY BS Area Agt Command Leadership Devlomt

3A C SMITH Sr MS North Dist Act

3Mrs JO ANN G TAYLOH MS Area Agt Clothing

3Mrs GENEYIEVE T TOMKINS MS Area Agt Clothing

3Mrs HOGENIA G TROTTER MS | Dist Prog Spec Home Ec

3SATISH VERMA MS - Ed and Asst Trng

3CHERIE M WIN ER MS Asst Area Aut Econ

3Mrs EVVA L ZEAGLER BS - Assoc Area Agt Clothing

4-H CLUB WORK

3C S SHIRLEY MS State Club Agt

3J P DUKE MS Ext Asst

3A F FUGLER MS Assoc Fist Frog Spec 3K W HATHORN MS Assoc State Club Agt

3C J NAQUIN PhD Dist Prog Spec

3Mrs NOHMA O ROBERTS MS - Assoc State Club Act

3A C WILLIAMS MS - Assoc State Club Aut

Fertilizer and Feedstuffs Laboratory (504-388-2755) 4470

2E A EPPS Jr MS Prof Agr Chem and Head of Dept

2H C AUSTIN Jr BS Asst Prof Agr Chem

2FRANCES L BONNER MS Assoc Prof Agr Chem

2P V CARRASCO Cage Instr Feeds

2R P COWART Jr MS Asst Prof Agr Chem.

2LECNARI DEVOLDES Insti Feeds

2A T HARRELL MS Assoc Prof Agr Chem

2Mrs RAJA J ISMAIL MS Instr Festicide Fesidues 2Mrs ROSAMOND L KILLEBREW MS Assoc Agr Chem

2J G KOWALCZUK MS Asst Prof Agr Chem 2Mrs MILDREE M LAI MS Instr Pesticide Residue

2JANE M LOUSTAUNAU BS Assoc Fert

2J B McDEVITT Jr MS Asst Prof Agr Chem

2H F MOPRIS MS Instr Fred 2J W TORBERT BS Asst Prot Agr Chem

Food Science and Technology (504-388-5206)

12A F NOVAK PnD Prot Biochem and Microbiol and Head of Dept

12H M GROLNER PRO Prot Enzymes

12F H HOSKINS PhD Asst Prof Synthetic Foods

Food Science and Technology (504-388-5206)-Continued

12W H JAMES PhD Prof Nutr Chem

2Mrs FAY B JOHNSON BS Assoc Anal

121 A LIUZZO PhD Prof Metabolism
2S P MEYERS PhD Prof Microbiol and Marine Sci

12M R R RAO PhD Assoc Prof Food Sci and Technol

12JAMES RUTLEDGE BS Asst Prof Public Health

Forestry and Wildlife Management, School of (504-388-4131)

4490

4500

 $12P\ Y\ BURNS\ PhD$ Prof and Dir of Sch of For and Wildlife Mgt

12J W AVAULT Jr MS Assoc Prof Fishery

12B A BATEMAN PhD Prof For

3B H BOX DF Spec Proj Ldr

6R A CHABRECK MS Asst Ldr La Coop Wildlife Res Unit

12E | CHCCNG Pn | Assoc Prof Wood Util

12A b CROW MF Prof Silvic

12D D CULL EY Jr PhD Asst Prof Fisheries

3J H DAVILSON MS - Assoc County Agent (Forestry)

21. Dide la BRETONNE MS InstriPisheries Res

12P : r/GGInE | Asst Fret Genet 3P = FCH PhD | Spec For

124L L GLASGOW PhD Prof Dendrol and Wildlife Mgt

12THC MAS HANSBEOUGH Ph? Prof Ecol

6W H HERKE MS La Coop Fishery Unit USDI 12R L JAETIS PhD Asst Prof For

6ANATOL KASZKUREWICZ MF La For Comn

12T D KEISTER PhD Asst Prof For Mat

3H E KENNEDY Jr PhD Assoc Spec

12N E LINNARTZ PhD Prof Soils

3W A LOE BS Assoc Area Agt For

12W ELOOS PhD Assoc Prof For

12C B MAPLIN MF Asst Prof Econ 12F W MARTIN PhD Assoc Prof Wildlife Mgt 12R W McDERMID MF Prof Mgt

6J D NEWSOM MS Game Mgt and Ldr La Coop Wildlife

Res Unit USDI 6J C TASH PhD Lidr La Coop Fishery Unit USDI

2F M TRUESCALE PhD Asst Prof F.col

Home Economics, School of (504-388-2281)

12ALMA B CLARK PhD Prof and Dir of Sch

1BETH ANDREWS MA Assoc Prof Indus Mgt LEUGENIA P BRANSCOMB MS Asst Prof Child Devlpmt

1Mrs PEGGY S DRAUGHN MS Instr Fam Life 12CAROL L ENGERBRETSON PhD Assoc Prof Home

Mgt

12ETTA L FINLEY MA Assoc Prof Text

2CHARLOTTE'S GANDY BS Instr Nutr 3Mrs VERNA D GUILLORY MS Assoc Spec House Furn

3Mrs CELIA S HISSONG MS Spec Proj Ldr Home Mgt

IBFITY J HODGKINS PhD Res Inst

12Miss ELEANOR A KELLEY PhD Assoc Prof Text

2Mrs HELEN M LAW MS Spec Lect Foods and Nutr 12HARVEY F LEWIS PhD Prof Food and Nutr

3Mrs SAFAH D BALL LINDER MS Asst Spec Pesticide Safety

1Mrs LAUREAME C McBRYDE MS Assoc Prof Clothing

12W F McKNIGHT PhD Asst Prof Food and Nutr

12Mrs NEVA F OLSEN MS Asst Prof Text

1Mts LORRADIE H PHILLIPS MS | Asst Prof Text

3FAE RCAHKIMS Spec Cloth Proj Ldr IMrs KATHRYN LISHELTON MS Asst Prof Food and

10NA SMITH MA Assoc Prof Foods

3Mrs ALICE T TEDDLIE MS Assoc Spec Proj Ldr Fam Life

3HELLIN TOMB MS - Assoc Spec Home Mgt

3Mrs IRENE M TURNER MS Spec Proj Ldr Nutr 1Mrs KATHRYN W WATTS MS Asst Prof Home Mgt

1Mrs DORIS M WELLAN MS | Asst Prof 2J P WOOD MS Assoc Food and Nutr

Horticulture (504-388-2158)

4480

12D W NEWSOM PhD Prof Physiol and Head of Dept 12E P BARRIOS PhD Assoc Prof Veg Crops and Brdg

4510-4580 LOUISIANA

Horticulture (504-388-2158)—Continued	Veterinary Science (504-388-4194)—Continued
2C S BLACKWELL MS Asst Prof Ornam	12J M DIXON DVM Prof Avian Path
2H M BREWER BS Assoc Res Greenhouse Mgt	2L E FOOTE DVM Prof Path
12MILO BURNHAM PhD Asst Prof Cytogenet	2L T HART PhD Asst Prof Microbiol Physiol 2P J HENDERSON BS Assoc Anim Husb
2Mrs JUDY M CARSON BS Assoc Lab Asst	2HELEN E LEVY BS Instr Microbiol
2R J CONSTANTIN PhD Asst Prof Proc 2W W ETZEL PhD Asst Prof Veg Crops (PO Chase)	2CAROL A LUSKUS BS Assoc Avian Path
12J F F CNTENOT PhD Prof Veg Crops and Physiol	12R B MYERS DVM Assoc Prof Clin Med
12R H HANCHEY PhD Prof Flor and Omam	3S S NICHOLSON DVM Assoc Spec
12P L HAWTHORNE MS Prof Pomol	2E E ROTH DVM Prof Vet Microbiol
12T P HERNANDEZ PhD Prof Brdg	2G E SANFORD BA Assoc Parasitol
2TRAVIS P HERNANDEZ PhD Assoc Prof Brdg (PO	2C L SEGER DVM Prof Histol Path
Chase)	2W T SPRINGER PhD Assoc Prof Avian Path
12L G JONES PhD Prof Physiol and Nutr	2Mrs BETTY J TORBERT BS Assoc Pestitol 2EVANGELINE M TOWER BS Assoc Histol Path
12J E LOVE PhD Assoc Prof Post Harvest Physiol and	2Mrs MARY A WAYMACK Assoc Vet Sci
Radiation Biol 34W A MEADOWS PhD Spec Poinol	2J C WILLIAMS PhD Asst Prof Parasitol
3JOSEPH MONTELARO MS Spec Proj Ldr Veg	
3A C MOREAU MS Spec Veg Crops	Branch Stations 4580
3N G ODENWALD PhD Assoc Spec Landsc	Dean Lee Agr Center Expt Sta Rte 2 Alex indria (318-445-
12E N O'ROURKE PhD Prof Pomol	3672)
3T E POPE PhD Area Agt Flor Cult Arch and Plant	12W A NIPPER MS Assoc Prof Beef Cattle and Supt
Physiol Physio	2A F LOYACANO MS Instr Anim Sci 2J G MARSHALL MS Assoc Prof Field Crops
12R J STADTHERR PhD Assoc Prof Ornom	2J F. PONTIFF MS Asst Prof Anim Sci
2L C STANDIFER PhD Assoc Prof Weed Control Fruits Veg and Ornam	Fruit and Truck Expt Sta PO Hammond (504-345-4110)
3B W WASCOM MS Ext Asst Veg Crops	2W F WILSON Jr MS Prof Veg and Pomol and Supt
12W A YOUNG PhD Prof Fruit and Veg Crops	24W L BROWN MS Asst Prof Ornam
	2E C HOWES BS Assoc Res Hort
Landscape Architecture (504-388-1434) 4512	2W A POILLION MS Asst Prof Veg and Pomol
12R S REICH PhD Landse Arch	Iberia Livestock Expt Sta PO Jeanerette (318-276-5527)
124Mrs ELENA 3 CUELLAR MLA Landsc Arch	45D C MEYEKHOEFFER MS Bridg and Supt
12L M WESTER MLA Asst Prof Landsc Arch	2J P BLANCHARD Assoc Dairy 2T M DeROUEN MS Assoc Prof Brdg
Microbiology (504-388-2601) 4514	2H C GONSOULIN BS Assoc Beef
1M. D. SOCOLOFSKY PhD Assoc Prof Physiol and Head	5B F HOLLON PhD Dairy Husb
1A R COLMER PhD Prof Microbiol	25N T POCHE' BS Assoc Beef
2BEATRICE L HOWINGTON BS Assoc Microbiol	5W L REYNOLDS PhD Physiol
12A D LARSON PhD Prof Physiol	Idlewild Plantation PO Clinton (504-683-58-18)
12V R SRINIVASAN PhD Assoc Prof Microbiol	2C B SINGLETARY MS Assoc Prof and Supt of Sta
D 1 (501.000 (100)	2R P McDONALD MS - Assoc Anim Sci North La Expt Sta PO Calhoun (3:8-644-2662)
Poultry (504-388-4482) 4520	2R S WOODWARD MS Prof Hort and Supt
12A B WATTS PhD Prof Nutr and Head of Dept 2Mrs GAYLE K DAIGLE BS Assoc Lab Tech Zool	2A V DAVIS PhD Assoc Prof Dairy
2R F DAVENPORT MS Instr Nutr	2A C GOODLING MS Assoc Prof Poultry
12B H DAVIS PhD Assoc Prof Prod Tech	2A C MILLER MS Assoc Prof Veg
12MELVIN GRIFFITH PhD Assoc Prof Nutr	2J C TAYLOR MS Assoc Prof Veg and Pomol
3H E HATHAWAY PhD Spec Proj Ldr	North La Hill Faim Expt Sta FO Homer (318-927-2931)
3J A HEBERT Jr MS Assoc	2D M JOHNS MS Prof Crop Prod and Supt
12W A JOHNSON PhD Prof Genet and Brdg	2L D BLEVINS BS - Assoc Anim Sci 2R T CLARKSON BS - Assoc Dairy
3C W POPE PhD Spec Mktg	2M M EICHHORN Jr PhD Assoc Prof Soil Chem
2R H SCHEXNAILDER MS Assoc Nutr 2Mrs ERNIE G SCHILLING MS Assoc	2W M OLIVER PhD Asst Prof Anim Sci
12R A TEEKELL PhD Prof Physiol	2W N PHILPOT PhD Assoc Prof Dairy Prod
12B A TOWER MS Assoc Prof Mgt	2C E PUGH MS Instr Soils
•	Northeast La Expt Sta PO St Joseph (318-766-3769)
Sociology (504-388-2580) 4530	2J A HENDRIX MS Prof Agron and Supt
12W J JOKINEN PhD Assoc Prof and Chmn of Dept	2A J FAIRBANKS BS Assoc 2R N FLINT MS - Asst Prof Agron
12A L BERTRAND PhD Prof and Coord of Rural Sociol Res	2S A PHILLIPS MS Assoc Prof Soils (PO Winnsboro)
2P F HERNANDEZ PhD Asst Prof Rural Social Field	2L W SLOANE MS Assoc Prof Agron
Res 3K A KOCH MS Spec Proj Ldr	Plaquemines Parish Expt Sta PO Port Sulphur (504-564-2427
2Mrs KAREN W PATTERSON MA Instr	2R T BROWN MS Prof Pomol and Supt
3WAYNE ROBICHAUX PhD Spec Proj Ldr Rec	2A J ADAMS MS Assoc Prof Veg
	2F B SCHMITZ MS Assoc Prof Ornam
Sugarcane Work (504-388-2975) 4540	Hed Fiver Valley Expt Sta PO Bossier City (3)v-424-0956)
2E C SIMON MS Prof Prod and Head of Sugar Sta	2J Y OAKES MS Prof Agron and Supt 2W D CALDWELL MS Instr Agr and Cotton Brdr
2M J GIAMALVA Phl) - Assoc Prof and Head Outfield Sugars (504-388-2596)	2J W KNOX MS Asst Prof Beef
Sugnts (304-300-2390)	2D R MELVILLE MS Assoc Prof Agron
Veterinary Science (504-388-4194) 4550	2J L RABB MS Instr Agron
12R B LANK DVM Prot Clin Med and Head of Dept and	2L D WILLIS Jr BS Assoc Agr
Assoc Dean of Sch of Vet Med	Rice Expt Sta PO Crowley (318-783-4219)
2W V ADAMS Jr MS Instr Microbiol	2M D FAULKNERMS Assoc Prof Ag: En g and Supt 2J H DAVIS PhD Assoc Prof Forage Crops
2Mrs GRACE A AMBORSKI PhD Asst Prof Microbiol	2) H DAVIS PhD Assoc Prof Forage Crops 2W C FAULK BS Assoc Agron
2T R BELLO PhD Assoc Prof Pestitol	2R J HABETZ BS Assoc Anim Sei
26B W BLAKE WOOD DVM Path Joint Employ La Dept of Agr (PO LeCompte)	2C S HENRY BS Assoc Agron
2H W COX DVM Instr Res Infect Anemia	5N E JODON MS Agron Brdg
2G T DIMOPOULLOS PhD Prof Microbiol	2W O Mell RATH PhD - Assoc Prof Agren

LOUISIANA-MAINE

Branch Stations—Continued

2M F MILLER MS Instr Agr Engin

2F J PETERSON MS Assoc Prof Soils 2E A SONNIER BA Asst Prof Agron

2G J TRAHAN MS Asst Prof Agron

2EMMETT WILSON BS Instr Agron

2T W WHITE PhD Assoc Prof Anim Nutr

2J E WIMBERLEY MS Assoc Prof Agr Engin

Southeast La Expt Sta PO Franklinton (504-839-2322)

2H D ELLZEY MS Prof Agron and Supt

2MARVIN ALLEN MS Asst Prof Forage Crops

2C R MONTGOMERY BS Assoc Res

2E B MORGAN MS Asst Prof Dairy Prod 2B D NELSON MS Asst Prof Dairy Sci

West La Expt Sta PO Rosepine (318-463-7708)

2J C CARPENTER Jr MS Assoc Prof Anim Sci and \mathtt{Supt}

2J I FEAZEL MS Asst Prof Beef 2H E HARRIS MS Assoc Prof Soils and Forage Crops

Southern University and Agricultural and Mechanical College, Southern Branch Post Office, Baton Rouge 70813 (Main tel 504-775-6300)

1College Staff 2Station Staff 4Leave of Absence

4590

16 LEON NETTERVILLE Jr LLD Pres of Univ Syst (504-775-6300 Ext 382)

1T T WILLIAMS PhD Admin Asst to the Pres (504-775-6300 Ext 3831

1E C HARRISON PhD Vice Pres for Academic Affairs (504-775-6300 Ext 215)

1F S BREW MS Bus Mgr (504-775-6300- Ext 228)

1B A LITTLE MS Vice Pres Bus and Fin (504-775-6300 Ext 302)

1HEZEKIAH JACKSON PhD Dean of Col of Agr (504-775-6300 Ext 246)

1PINKIE E THRIFT MS Dean of Col of Home Econ (504-775-6300 Ext 253)

4592 Animal Science

12G E ROBINSON PhD Prof Anim Sci and Head of Dept (504-775-6300 Ext 246)

1E R BRANTLEY MS Assoc Prof of Dairy Sci 1J H HOPE MS Asst Prof Poultry Sci

Economics (Agr)

14T T WILLIAMS Prof Agr Econ and Head of Dept (504-775-6300 Ext 245)

1R H BRIDGES PhD Prof Agr and Coord Grad Prog

4595

1E C WRIGHT MS Asst Prof Agr Eng (504-775-6300 Ext 259)

Home Economics 4599

1PINKIE E THRIFT MS Dean and Prof Fam Relat and Household Equip (504-775-6300 Ext 323)

1Mrs CARRIE B HOLMES MS Assoc Prof Cloth and Text IMrs NAOMI P HUNTER MS Asst Prof Home Mgt Resident

IFREDDIE L JOHNSON MS Asst Prof Foods

1Mrs EULA M MASINGALE MS Asst Prof Fam Life

1Mrs MARY JOTIS MS Asst Prof Cloth and Text

1Mrs VERDIR PASS BS Instr Foods

1Mrs HELEN POYDRAS MS Instr Food and Nutr 1KCKAB TRAJ PhD Asst Prof of Fam Life

4605 Plant and Soil Science

12McKINLEY MAYES PhD Prof and Head of Dept (504-775-6300 Ext 246)

1HEZEKIAH JACKSON PhD Dean of Col of Agr 1S O THOMPSON PhD Asst Prof Soil Sci

The Department of Forestry, the Division of Research, the Department of Agronomy and Horticulture, the Department of Botany and Bacteriology in the School of Agriculture and Forestry; the Department of Zoology in the School of Arts and Sciences; Louisiana Tech University, Ruston 71270

1College Staff 2Station Staff 5Coop USDA 9A-TR, MS Program

1F J TAYLOR PhD Pres of Col (318-257-3785)

IVIRGIL ORR PhD Dean of Col (318-257-4262)

IJ L HESTER PhD Dir Sponsored Prog (318-257-4262)

12H BBARKER PhD Deam of Sah of Agrand For (318-255-2612)

129L P BLACKWELL MF Prof For and Head of Dept of For (318-255-1704)

1A C THIGPEN MS Dir Admin Affairs (318-257-2235) 1DOUGLAS JENKINS BS Comptroller (318-257-4325)

Agricultural Engineering (Sch of Agr and For) 4614

12F E BECKETT PhD Prof Agr Engin Head of Dept and Dir of Div of Res

4616 Agronomy and Horticulture (Sch of Agr and For)

12C G HOBGOOD MS Prof Agron For Soils and Head of Dept

12J A WRIGHT PhD Prof Hort

Botany and Bacteriology (Sch of Agr and For)

4618

4626

4610

2SAM ALEXANDER Grad Asst 12J C WHITE PhD Asst Prof Bot

Forestry (Sch of Agr and For)

129L P BLACKWELL MF Prof For and Head of Dept 12E R ANDRULOT PhD Prof For Mgt

12J E CAROTHERS PhD Prof For Econ and Policy

2LORENA FARRAR Lab Asst Path-For Ent

120 L FITZGERALD MF Assoc Prof For Util

12H E GARRETT PhD Asst Prot Silvic 125F F JEWELL PhD Prof For Path-For Ent

12CAROLINE PADDOCK MLS Assoc Prof Libr Sci and For Libr

Plant Pathology and Bacteriology (Div of Agr) West Va Univ

2R P TRUE PhD Prof Plant Path

Zoology (Sch of Arts and Sci)

4628

4627

2S S BAMFORTH PhD Prof Bio., Tulune Univ New Otleans, La

2CHARLES BERRY Grad Asst 2ROBERT HARRISON Grad Asst

12R B HCWE PhD Asst Prof Bot

12A M JOHNSON MS Asst Prof Math

12A W LAZARUS Assoc Prof Bot and Bact

2MICHAEL MALONE Grad Asst

12J L MURAD PhD Asst Prof Zool

2CAROLYN ROBERTS Grad Asst

MAINE

College of Life Sciences and Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of the University of Maine, ()rono 044"3 (main tel 207-866-7011)

2Station Staff 3Extension Staff 1College Staff 9A-TR, M-S Program 5Coop USDA

4630

123W C LIBBY MS Pres (207-866-7477)

129B R POULTON PhD Deam of Col and Dir of Sta (207-866-7161)

'3E H BATES MS Dir Ext (207-866-7200)

12H W GORDON AB Treas

12E H PIPER MS Asst Dir of Stu and Admin OfficerCol (207-866-7422)

IW E PULLEN PhD Assoc Dean Col

Animal and Veterinary Sciences

4640

123S D MUSGRAVE PhD Chmn and Prof Anim Nutr 12W P APGAR PhD Assoc Prof Anim Nutr 12F H BIRD PnD Prof Poultry Nutr

12D L BLAMBERG PhD Asst Prof Poultry Nutr

4640~4760 MAINE

Animal and Veterinary Sciences_Continued	Engineering (Agr) 4710
12H H BRUGMAN PhD Assoc Prof Beef	123NORMAN SMITH MS Chairman and Prof
123H L. CHUTE DVM Prof Poultry Path	12W R ELLIS BS Instr
12H C DICKEY PhD Prof Dairy	12G L GRAY BS Instr
12R W GERRY PhD Prof Poultry	3N D HALLEH MS Ext Agr Engin Mktg
123MELVIN GERSHMAN MS Assoc Prof Poultry Path	12F. HHUFF MS. Assoc Prof
13J C GOATER Jr BS Asst Prof Livestock	2J H HUNTER MS Assoc Prof Potato Handling
12P C HARRIS PhD Assoc Prof Avian Physiol	30 W KITTRIDGE BS Ext Agr Engin
12W H HOOVER PhD Assoc Prof Anim Nutr	12A F KLINGE PhD Prof Water Mgt
12H A LEONARD MS Prof Dairy	3R A PELLERIN BS Agr Engin and Rural Civ Def Spec
23F V MUIR PhD Asst Prof Poultry	TR B RHOADS MS Prof
3N R NESS BS Dairy Spec	12R J ROWE PhD Prof Forage
12D C O'MEARA MS Assoc Prof Poultry Path 2M S SAWYER MS Res Assoc	2S E SIDES BS Assoc Prof Potatoes
12C J SNIFFEN PhD Asst Prof	12H M SOULE Jr MS Assoc Prof Blueberries
123LOUIS VAN DER HFIDE DVM Asset Prof Poultry	3M R WARNER BS Ext Agr Engin 12R B WILLIAMS MS Assoc Prof Structures
Path	5E C YEAGER MS Fac Assoc
3H C WHELDEN Jr ES Poultry Spec	St. C. Triaden MS - Fac Assoc
23C K WALKER PhD Asst Prof Dairy Spec	Entomology 4720
123J F WITTER DVM Prof Path	123G W SIMPSON Phili Comm and Prof Potato
	12J B DIMOND PhD Prof For
Biochemistry 4670	12H Y FORSYTHE, Jr Phi) Prof
12F H RADKE PhD Head and Prof	3ARTHUR GALL, MS Pesticide Chem. Spec
2P R BELYEA MS Assoc Cher.	5F R GOT MICK Pull The Alene
2J A BLEASE DS Asst Chem	121 15 LEVI 476 T Ph. ASSOC P.O.
2H E BRADBURY MS Assoc Chem.	21 McDANIEL PhD Assoc Prot
2W P COOK BS Asst Chem	2R E OLSON PhD Prof For
2G & CRAM BS Asst Chem	12E A OSGOOD Jr PhD Assoc Prof For
12HERMAN DeriAAS PhD Assoc Prof	12R H STORCH Fm.) Assoc Prof Potato
2A S GETCHELL MS Assoc Prof Chem	
12S L JOHNSON PhD Asst Prof Chem	Extension Administration 4730
12JOSEPH LERNER PhD Asst Prof Chem	3D M BRUCE BS Youth Educ Spec
2E O MERRILL BS Assoc Prof Chem 2G E RAMSDELL MS Assoc Prof and Lab Dir	3C F HOLT MS Field Prog Coord
1C C WRATTEN PhD Asst Prof Chem	3H M KEARNEY EdD Youth Educ Spec
TO C WITH TEN PILD ASSI PIOT CHEM	3R S LEACH PhD Field Prog Coord
Botany and Plant Pathology 4680	3S R MILLER BS Admin Off
123G A McINTYRE PLD Chan and Assoc Piof Potatoes	3MARGARET STEVENS BS Youth Educ Spec 30 L WYMAN MS State Prog Coord
12R J CAMPANA PhD Prof Bot For	SO E WIMAN MS State Flog Coold
12G R COOPER PhD Prof Bot Physiol	Food Science 4740
12R B DAVIS PhL Assoc Prof	2 F.M. HOGAN Philip - Chain and Prof. Potatoes
1D A GELINAS Ph.D. Asst Prof Bot	2Mis ELIZABETH S BARDEN PhL Res Assoc
2M T HILBORN PhD Prof Plant Path Pomol Blueberry	123M E HIGHLANDS PhD Prof Emeritus Poultry
IR L HOMOLA PhD Asst Prof Bot	2Mrs TATIANA ILLYN MS Asst Prof Potatoes
12L J LABER PnD Asst Prof	2ÉLIZABETH F MURPHY MA Prof
2F E MANZER PhD Prof Plant Path Potatoes	2S C RIDLEY BS Res Assoc
2R C McCRUM PhD Assoc Prof Plant Path Virol	2Mrs RUTH H TRUE BA Res Assoc
12B F NEUBAUER PhD Assoc Prof Bot	
TC D RICHARDS PhD Prof Bot	Forest Resources 4750
12R L VADAS PhD Asst Prof Bot	123A D NUTTING BS Dir of School
5R J YOUNG PhD Lecturer	12M D ASHLEY PhD Asst Prof For
Economics (Agr and Resource) 4690	3L P BISSELL MF For Spec
Economics (Agr and Resource) 123H B METZGER PhD Chain and Prof	12T Ch JOHAN PHD Assoc Dar and Prof For
3A E BENNETT ME a Community be wight Special	12M W COULTER PhD Assoc Dir and Prof Wildlife
23F J BENSEN PRD Asst Prof	12r. L. GIDDINGS MS - Assoc Prof. For 12F F GILBERT PhD - Asst Prof. Wildlife
3R A BLACKSTONE BS Bus Mat Consult	12R H GRIFFIN PhD Prof Silvic
3V E DEARBORN BS Public Affairs Spec	12A R HALE II MF Asst Prof Wood Technol
12JOHANNES DELPHENDAHL PhD Assoc Prof	12N P KUTSCHA PhD Asst Prof Wood Technol
Resources Devlpmt	IR L McELWEE PnD Assoc Prof
12W C DUNHAM MS Assoc Prof Food Mktg	1H L MENDALL MA Prof Game Mgt
12R K HARLAN PhD Assoc Prof	12R B OWEN PhD Asst Prof Wildlife
3S S HASBROUCK MS Community Devipmt Spec	123H A PLUMMER MF Assoc Prof
2 E F JOHNSTON MS Assoc Prof Potato Handling	IA G RANDALL MF Assoc Prof
12F R KING MS Asst Prof Mkt	1V B RICHENS PhD Asst Prof Wildlife
12R N KROFTA PhD Assoc Prof Farm Mgt	IW C ROBBINS MS Instr
5E S MICKA PhD Fac Assoc	12S A SCHEMNITZ PhD Assoc Prof Wildlife
3F E MONTVILLE MS Ext Econ Resource Devipmt	12C E SCHOMAKER PhD Assoc Prof Nutr
12L A PLOCH PhD Prof Rural Social 3F D REED BS Poultry Mktg Spec	12J E SHOTTAFER PhD Prof Wood Technol
12D M TOBEY PhD Asst Prof Resource Devipmt	12C E SHULER PhD Asst Prof For
3E F WAKELIN BA Dist Recreation Spec	2Mrs SANLERA L. STOLT BS Res Assoc
12K E WING PhD Assoc Prof Poultry Mktg	12J C WHITTAKER PhD Asst Prof Recreation 12J A WILSON MS Instr
The state of the s	12H E YOUNG PhD Prof Mensuration
Editorial 4700	PICE FOUND FIRE FIGURE MERISTRATION
123H A KEYO BS Dir Public Inform. and Public Serv	Human Development 4760
123C F CONNORS Inform Spec	123MARGARET F THORNBURY PhD Dir of School and
123R H KNIGHT BA Inform Spec	Prof Food and Nutr
123D B TOLMAN Inform Spec	1L A BHIGHTMAN Poll Asst Prof Child Devlpmt
123G E WILDEY MA Inform Spec TV	2H A COOK MS Asst Nutr

4810

4820

Human Development-Continued Agronomy 1JIDAHL MFA Asst Prof Design 123J R MILLER PhD Prof and Head of Dept 13DOROTHY B DALTON MS Asst to Dir and Instr 12J H AXLEY PhD Prof Soil Chem 2M K AYCOCK Jr PhD Asst Prof Plant Brdg 1BARBARA FRASER MS Asst Prof Home Econ 3NELLIE GUSHEE MS Nutr Spec 23V A BANDEL PhD Assoc Prof Soil Fert 1HELEN LAFFERTY MS Instr Home Econ 12D F BEZDICEK PhD Asst Prof Soil Chem 3SUSAN G LAKE MS Home Mgt Spec 12G W BURT PhD Asst Prof Weed Control 1Mrs SHIRLEY D OLIVER MEd Asst Prof 5B F CALDWELL PhD Coop Agent Visiting Assoc Prof 13F P RICE PhD Prof and Fam Life Spec Soybeans 12BARBARA A SAWYER MS Instr 12N A CLARK PhD Assoc Prof Forage Crops 123Mrs PEGGY SCHOMAKER PhD Asst Prof Home Mgt 12A M DECKER Jr PhD Prof Forage Crops ISUSAN E YOUNG BS Instr Inst Mgt 12D S FANNING PhD Assoc Prof Soil Mineral and Soil Classification Microbiology 12L R FERNOW PhD Assoc Prof Geol 4765 12D B PRATT PhD Chmn and Prof 12 J E FOSS PhD Assoc Prof Soil Classification 14 M BAIN PhD Assoc Prof 2J H HOYERT PhD Res Prof Tobacco 1A O KUHN PhD Prof Crops
3C G McKEE PhD Assoc Prof Tobacco
3F P MILLER PhD Assoc Prof Soil and Water Res 1C E BUCK PhD Assoc Prof 12A J De SIERVO Asst Prof 12BRUCE NICHOLSON PhD Asst Prof 12AR WHITEHILL PhD Prof 2C L MULCHI PhD Asst Prof Tobacco 3J L NEWCOMER MS Asst Prof Grain Crops Plant and Soil Sciences 4770 23J V PAROCHETTI PhD Asst Prof Weed Control 23A J PCWELL PhD Asst Prof Turf Mgt 2R G ROTHGEB PhD Prof Plant Brdg 123R A STRUCHTEMEYER PhD Head and Prof Soils 2R / AKELEY MS Assec Prof Potate Brdg 2R I BATTEESE Jr BS Res Assoc 12J A SCHILLINGER PhD Assoc Prof Plant Brdg 12C S BROWN PhD Prof Forage 1A V SEGGVIA Pr.D. Asst Prof Geol. 123P N CARPENTER MS Assoc Prof Chem 5ELIOT EPSTEIN PhD Lecturer 1H G SHICKIST PnD Assoc Prof Geo. 1P B STIFFEL PhD Asst Prof Geol 20 E STREET PhD Prof Tobacco Emeritus 13W H ERHARD'T PhD Asst Prof and Ext Spec 5W J GRANT MS Soils 12EDWARD STRICKLING PhD Prof Soil Phys 12P R HEPLER PhD Assoc Prof Veg Sugarbeets 13V H HOLYOKE MS Crops Spec Forage 1J R WEIDNER PhD Asst Prof Geol 12F E HUTCHINSON PhD Prof Soils and Seed Anal **Animal Science** 123F. P YOUNG PhD Prof and Head of Dept 23A A ISMAIL PhD Asst Prof Hort and Ext Spec 12FREDERICO KOCHER PhD Assoc Prof Hort 12JOHN BURIC PhD Assoc Prof 12A R LANGILLE PhD Asst Prof Agron 3W A CURRY BS Ext Instr 13L E LITTLEFIELD MS Asst Prof 12J V DeBARTHE PhD Asst Prof 12E G LOTSE PhD Assoc Prof Soil Chem 3J R FERGUSON PhD Fxt Prof 3P N MOSHER MS Potato Spec 1J E FOSTER PhD Prof Emeritus 12H J MURPHY MS Assoc Prof Agron Potato Prod 3E E GCC. WIN PhD Ext Assoc Prof 3L P ROBERTS BS Sugarbeet Spec 12W W GREEN PhD Prof 2R V ROURKE MS Asst Prof Soil Water 23W C STILES PaD Prof Pomol 12F. C LEFFEL PhD Prof 2M FTREVETT MS Prof Hort Botany 23H E WAVE PhD Assoc Prof Pomol 123R W KFAUSS PnD Prof Plant Physiol and Head of Dept 12N M BARNETT PhD Asst Prof Plant Physiol Experimental Farms 123G A BEAN PhD Asst Prof Plant Path 1R G BROWN PhD Assoc Prof 4790 Aroostook Farm (PO Presque Isle) 2R M COBB BS Supt 1M K CORBETT PhD Prof Plant Virol Blueberry Hill Farm (PO RFD Addison) 12C R CURTIS PhD Asst Prof Plant Path 23R F STAFFORD MS Asst Hort and Blueberry Spec 12R A GALLOWAY PhD Prof Plant Physiol Highmoor Farm (PO Monmouth) 12H G GAUCH PhD Prof Plant Physiol 23W C STILES PhD Prof Pomol and Fruit Spec 13 K HARRISON PhD Asst Prof 3J G KANTZES PhD Prof Plant Path 111 P KARLANDER PhD Assoc Prof Plant Physiol 123% L KLARMAN PhD Assoc Prof Plant Path 12L R KRUSBERG PhD Assoc Prof Plant Path MARYLAND IJ D LOCKARD PhD Assoc Prof The College of Agriculture, the Agricultural Experiment 12D T MORGAN Jr PhD Prof Station, and the Cooperative Extension Service in Agriculture 230 D MORGAN Jr PhD Assoc Prof Plant Path and Home Economics of the University of Maryland, College 12G W PATTERSON PhD Assoc Prof Plant Physiol Park 20742 (main tel: 301-454-0100) 12R D RAPPLEYE PhD Assoc Prof 12H D SISLER PhD Prof Plant Path 1College Staff 2Station Staff 3Extension Staff 1CONSTANTINE SOROKIN PhD Res Prof 4Leave of Absence 5Coop USDA 9A-TR, M-S Program 12W L STERN PhD Prof 1J W TERBORGH PhD Asst Prof Plant Ecol 4800 3L O WEAVER PhD Prof Plant Path and State Plant

123W H ELKINS PhD Pres of Univ (301-454-2211) 123F L BENTZ Jr PhD Vice Pres for Agr Affairs (301-454-3704) 123G M CAIRNS PhD Deam of Col of Agr (301-454-3702) **129I C HAUT** PhD Dir of Sta (301-454-3707) IMARJORY BROOKS PhD Dean of Col of Home Econ (301-454-2136) 1P R POFFENBERGER PhD Assoc Dean Instr (301-454-3708) IM J PELCZAR PhD Vice Pres Grad Studies and Res (301-454-3141) 123C W CISSEL MA Dir of Finance and Bus (301-454-3126)

Path Dairy Science 4840 123R F DAVIS PhD Prof and Head of Dept 123W S ARBUCKLE PhD Prof Mfg 12L S BULL, PnD Asst Prof Nutr 3C M CHANCE PLD Assoc Prof 12L W DOUGLASS PhD Asst Prof Genet 2MARK KEENEY PhD Prof Mfg 12R L KING PhD Prof Mfg 12J F MATTICK PhD Prof Mfg 3J L MORRIS MS Ext Assoc Prof 1D J SEELY BS Instr Mfg

MARYLAND 4840-4910

Dairy Science-Continued

2J H VANDERSALL PhD Assoc Prof Nutr 12W F WILLIAMS PhD Prof Physiol

Economics (Agr and Resource)

4850

123J M CURTIS PhD Prof and Head of Dept

123G M BEAL PhD Prof Agr Policy Dairy Tob Mktg

3R J BEITER MS Asst Prof Mktg Coops

12F E BENDER PhD Assoc Prof Econometrics Mgt Inform Syst

123J L CAIN PhD Assoc Prof Mktg Fruit and Veg Structure

3J L CROTHERS Jr MS Asst Prof Mktg Field Crops and Transp

1J G EVANS MA Vis Prof Internatl Agr

12P W FOSTER PhD Prof Internatl Agr Resource Devipmt 12I W HARDIE PhD Assoc Prof Prod Econ Quant Methods

3H H HOECKER BS Asst Prof Mktg Retail Prog 123A S HOLMES PhD Asst Prof Resource and Internal Econ Devlomt

12SIDNEY ISHEE PhD Prof Prod Econ and Econometrics

LAWRENCE PhD Asst Prof Mktg Livestock and **23**R Horses

123. √ LESSLEY PhD Assoc Prof Prod Econ and Farm Mat

3J E MAHONEY BS Chief of Mktg Serv

12R J MARASCO PhD Asst Prof Natural Resource Econ 3VIRGINIA McLUCKIE MS Ext Assoc Prof Consum Food Mkta

3A R MEYER BS Assoc Prof Mktg Livestock Mktg
12J R MOORE PhD Prof Internatl Trade and Mkt

3R A MURRAY PhD Prof Prod Econ and Outlook

3G A STEVENS PhD Prof Prod Econ and Farm Mgt

123D F TUTHILL PhD Prof Resource Devlpmt Econ

123J E VIA PhD Assoc Prof Mktg Poultry and Firm Mgt

23W P WALKER MS Prof Taxation
12J W WYSONG PtD Prof Prod Econ and Farm Mgt Resource Devlomt

Editorial and Publications

4860

123C W JACKSON MS Agr Ed

3M C BRENNAN BS Instrand Vis Aids Spec 23S W FARWELL BFA Instrand Vis Arts Spec

23C H LIDEN MS Asst Prof Printing 3S F MILLER BS Asst Ed Press

23J H OWENS BS Inform Spec

3A S PEASE BS Asst Ed Pub(s)

23G R RAVELING MS Assoc Ed Pub(s)
3J A STUPALSKY BS Inform Spec

3J W WAGNER Jr BS Inform and Radio Spec

Education (Agr and Ext)

123V R CARDOZIER PhD Prof Agr Educ and Head of Dept

12J W LONGEST PhD Assoc Prof Rural Sociol

12C L NELSON PhD Assoc Prof Agr Educ

13E R RYDEN PhD Prof Ext Educ

Engineering (Agr)

4880

123R L GREEN PhD Prof and Head of Dept

23H L BRODIE BS Instr

23K E FELTON MS Assoc Prof 12W L HARRIS PhD Prof

12J W HUMMEL PhD Asst Prof 13J A MERKEL PhD Asst Prof

3C P MERRICK BSCE Ext Assoc Prof

3W L RICE BS Instr

13R A SEIBEL MS Instr

3L E STEWART MS Ext Instr

2F W WHEATON PhD Res Assoc

5G B WILLSON MS Agr Engin

2P N WINN Jr MS Res Prof

Entomology

4890

123W E BICKLEY PhD Prof and Head of Dept

13D M CARON PhD Asst Prof

12J A DAVIDSON PhD Asst Prof 3W CHARDING Jr PhD Assoc Prof

12F P HARRISON PhD Assoc Prof

12J C JONES PhD Prof

3J L HELLMAN MS Instr

Entomology-Continued

23E R KRESTENSEN PhD Assoc Prof (PO Hancock)

3G S LANGFORD PhD Prof

2R E MENZER PhD Assoc Prof

12D H MESSERSMITH PhD Assoc Prof

2C F REICHELDERFER PhD Asst Prof

35DAVID SHRIVER MS Asst Prof

12A L STEINHAUER PhD Assoc Prof

25E D THOMAS MS Faculty Res Asst

2MICHAEL TYSOWSKY Jr MS Instr (PO Salisbury)

23F E WOOD MS Instr

4900

ADMINISTRATION AND SUPERVISION

3R E WAGNER PhD Prot and Dir (301-454-3742)

3M G BAILEY MS Asst Prof and Ext Supvr Agr 3B G BUSBICE MS Asst Prof and Ext Supvr 4-H

and Youth

3E E DEAL PhD Assoc Prof and Asst Dir for Agr Prog

3D D EIGENBRODE MS Asst Prof and Ext Supvr 4-H and Youth

3D R HESS BS Instrand Prog Asst

3Mrs MARGARET M MEARNS BS Asst Prof and Ext Supvr Home Econ

3H D SMITH PnD Prof and Assoc Dir Prog and Admin Mat

3J A WE'AMERT MS Asst Prof and Asst Dir Field Oper

HOME ECONOMICS

3A JUNE BRICKER PhD Prof and State Ldr Ext Home Econ

3Mrs MARGIE D FREEMAN BS Asst to State Ldr Home

3ELIZABETH H LANGSDALE MEd Asst Prof and Home Furn Spec

3CHARLES LEIDENFROST BS Instrand Cult Devlpmt Spec

3Mrs IOLA H MATHIAS MS Asst Prof and Cloth and Text Spec

3Mrs SHIRLEY J MOTT BS Home Econ Ed

3Mrs EVELYN R NANTZ MS Asst Prof and Home Mgt Spec

3Mrs JUDITH A PHEIL BS Asst Prof and Food and Nutr Spec

3Mrs NANCY K SCHNEIDER BS Instrand Prog Spec Asst

3VIRGINIA LI WANG PhD Asst Prof and Health Educ Spec

4-H AND YOUTH

3R R ANGUS MS Asst Prof and State Ldr

3Mrs LOUISE KILPATRICK MS Asst Prof and Prog Ldr

3G C WHAPLES MS Instrand Prog Ldr

Home Economics, College of

4910

IMARJORY BROOKS PhD Prof and Dean of Col IR A AHRENS PhD Assoc Prof Food Nutr and Inst Mgt 1SYBIL J BANGS MS Asst Prof Food Nutr and Inst Mgt 1CORNELIA BECKWITH MA Asst Prof Applied Art IELIZABETH BRABBLE PhD Asst Prof Joint Educ

and Home Econ

IW D BROWN PhD Assoc Prof
1LILLIAN C BUTLER PhD Assoc Prof Food Nutr 1CHARLOTTE V CHURAMAN EdD Asst Prof Fam. and Community Devlpmt

IVIENNA CURTISS EdD Prof Applied Art

1RACHEL DARDIS PhD Assoc Prof Joint Text and Consum Econ and Econ

1FREMONT DAVIS BS Lect Applied Art

1Mrs MARY S EHEART MS Asst Prof Food Nutr and Inst Mgt

1MARY EYLER MS Instr Text and Cloth IMARTHA GARRISON MS Instr Fam Life 1EILEEN M HEAGNEY MS Asst Prof Text and Cloth 1SB HOLVEYBA Instr Housing and Applied Design 1ELIZABETH JONES MS Inst: Text and Cloth

1RUTH O KNIGHTON MS Instr Food Nutr and Inst Admin

Home Economics, College of-Continued

1LOUISE LEMMON PhD Assoc Prof Joint Educ and Home Econ

1B ELLEN MacMAHON MA Instr Fam Life

ISHARLEEN L MATTER PhD Instr Food Nutr and Inst Admin

1MICHAEL McDONNELL MA Instr Housing and Applied Design

IWILLIAM NELSON MS Instr Housing and Applied Design

1Mrs JULIE NISONGER MS Instr Housing and Applied Design

1S W ODLAND BS Instr Applied Art and Housing 1Mrs RUTH ORVEDAL MS Asst Prof Fam Life and Mgt 1VIRGINIA PLEDGER MHE Instr Text and Cloth

1ELIZABETH PRATHER PhD Prof and Head Dept Food Nutr and Inst Admin

1P J RIBALTA MA Instr Housing and Applied Design IBARBARA J RITZMANN MFA Instr Housing and Applied Design

1J B ROPER MA Asst Prof Housing and Applied Design 1R D SCHMITZ MFA Instr Housing and Applied Design 1Mrs JANE K SHEARER PhD Prof and Head of Dept of Housing and Applied Design

1BETTY F SMITH PhD Prof and Head Dept Text and Consum Econ

1S M SPIVAK PhD Asst Prof Joint Text and Consum Econ and Mech Engin

ILOUISE STILES MS Lect Food Nutr and Inst Admin 1Mrs JUNE C WILBUR MS Asst Prof Text and Cloth IRHONDA C WILLIAMS MA Instr Housing and Applied Design

ILEDA A WILSON EdD Assoc Prof Home Econ 1EUGENIA ZALLEN MS Asst Prof Food Nutr and Inst Mat

4920 Horticul ture

123F C STARK PhD Prof and Head of Dept

2YAIR AHARONI PhD Res Assoc Pomol

2C D ALTMAN MS Res Asst Veg Crops (Veg Res Farm Salisbury 21801)

12F F ANGELL PhD Assoc Prof Veg Crops

12R L BAKER PhD Asst Prof Ornam Hort

1H A BORTHWICK PhD Lect

12J C BOUWKAMP PhD Asst Prof Veg Crops

3H W DENGLER BS Ext Assoc Prof For

12D E ELTZROTH MS Res Asst Ornam Hort

3F R GOUIN PhD Asst Prof Omam Hort

129I C HAUT PhD Prof Pomol

IC W HENDEE MA Instr For

IIRWIN HORNSTEIN PhD Lect

1R K HOWELL PhD Lect

3H A HUNTER MS Assoc Prof Veg Crops 3C N JOHNSON BS Ext Asst Prof Landsc

12AMIHUD KRAMER PhD Prof Hort Food Sci

123C B LINK PhD Prof Flor

12C W REYNOLDS PhD Prof Veg Crops

23B L ROGERS PhD Prof Pomol (PO Hancock 21750)

2F D SCHALES PhD Assoc Prof Veg Crops (PO Veg Res Farm Salisbury 21801)

12L E SCOTT PhD Prof Hort Physiol

12J B SHANKS PhD Prof Flor

1K P SOERGEL MLA Assoc Prof Landsc

3G J STADELBACHER PhD Assoc Prof Pomol

12A H THOMPSON PhD Prof Pomol

2S H TODD BS Instr Hort

3B A TWIGG PhD Prof Hort Pr∞

12R C WILEY PhD Prof Hort Food Sci

2J M WILSON MS Res Asst Hort Food Sci

1W T WITTE MS Instr Hort (Inst Applied Agr)

Poultry Science

4930

123C S SHAFFNER PhD Prof and Head of Dept

123D E BIGBEE PhD Assoc Prof Poultry Prod 2R D CREEK PhD Assoc Prof Poultry Nutr

13E F GODFREY PhD Assoc Prof Ext

123J L HEATH PhD Asst Prof Poultry Prod

3J L NICHOLSON BS Ext Asst Prof 12W O POLLARD PhD Asst Prof Poultry Physiol Poultry Science-Continued

2Mrs MARY S SHORB PhD Res Prof Poultry Nutr 120 P THOMAS PhD Asst Prof Poultry Nutr

23C J WABECK PhD Asst Prof Poultry Prod

State Inspection Service

4950

1A B HEAGY BS Assoc Prof (State Chem)

Veterinary Science

4960

12T A LADSON VMD Prof Dir of Animal Health Dept and Head of Dept

12T F ALBERT VMD Asst Prof

2B C HATZIOLOS DVM DAH Prof Histopath

12A L INGLING VMD Asst Prof

2R B JOHNSON BA Assoc Prof Physiol

12W W MARQUARDT DMV Assoc Prof 12S B MOHANTY DVM PhD Assoc Prof Vet Viro.

2I M MOULTHROP DVM Prof 12J A NEWMAN DVM PhD Assoc Prof Avian Path

12R L SCHUELER DMV Assoc Prof

2R B SHILLINGER DVM Assoc Prof

Schools of Agriculture and Home Economics of the University of Maryland, Eastern Shore, Princess Anne 21853 (301-651-2200)

1College Staff

4970

4980

1HE WRIGHT PhD Actg Chanc (301-651-2200) IW A LYNK PhD Dean

1Mrs VIOLET J WOOD Dir of Admissions

Agriculture (General and Vocational Education)

1F H SMITH EdD Head of Dept and Prof of Anim Husb and Agr Mech

1C C MARION PhD Prof of Agr Educ and Tehr-Trng 1J V STRICKLAND MS Assoc Prof Poultry and Econ 1M W VAUGHN PhD Prof of Agron and Dairy Technol

Home Economics

4990

1Mrs DEVENIA P WALLACE MS Asst Prof Food, Actg Head of Dept

1ALETHIA A ELPS MS Asst Prof Cloth 1Mrs LILIA M WALLACEMS Instr Home Econ

1Mrs FRETHEIA H EVANS MS Asst Prof Home Econ

MASSACHUSETTS

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Massachusetts, Amberst 01002 (Main tel 413-545-0111)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Military Leave or Control Service 9A-TR, M-S Program

5000

1R C WOOD PhD Pres of Univ Syst (617-864-9659) 66 Church St, Cambridge, Mass. 02138

10SWALD TIPPO PhD Chanc of Amherst Campus of Univ (413-545-2464)

12379A A SPIELMAN PhD Deam of Agr Dir of Sta Dir of Ext Serv (413-545-2766)

12W J MELLEN PhD Assoc Dean of Agr and Assoc Dir of Sta (413-545-2766)

1F P JEFFREY MS Assoc Dean of Agr and Dir of Stockbridge Sch (413-545-2222)

1E M BUCK PhD Asst Dean of Aar and Assoc Prof (413-545-2272)

2JR BEATTIE MS Ass∞ Dir of Ext Serv (413-545-2715) 123C W TURNER MS Asst Dir for Mgt and Serv (413-545-

3E K KNAPP PhD Asst Dir for Agr and Nat Resources and Rural Devlpmt (413-545-0611)

5000-5100	MASSAC	HUSETTS
3WINIFRED I EASTWOOD MA Asst Dir for Hom	e Foon	Environmental Sciences (Waltham and Amherst)—Continued
(413-545-2389)	e bcon	2W A FEDER PhD Prof Plant Path
3M L HOWES PhD Asst Dir for 4-H and Youth P	nor ⁰	3G W FELLOWS AB Asst Prof Microbiol
(413-545-2646)	.09	3H C FORDHAM BS Instr Hort
1237K W JOHNSON BS Treas (413-545-2213)		2W C GALINAT Ph! Prof Genet
		3W J GARLAND Instr Ent
		3AGGENTILE PhD Asst Prof Ent
Administrative Services	5010	23W J MANNING PhD Asst Prof Plant Path
123M L BLAISDELL BS Staff Assoc and Head Re	s and	2W D McENROF, PhD Assoc Prof Invertebrate Physiol
Ext Serv 123R H BUNN BS Assoc Prof Pub(s)		23 R E YOUNG MS Prof Plant Brdg
123n n duinn 65 Assoc Proi Pub(s)		Amherst 01002
Center for International Agricultural Studies	5020	(Institute of Agr and Indus Microbiol Amherst 413-545-2288)
1J H FOSTER PhD Dir	3020	123H B GUNNER PhD Assoc Prof Soil Microbiol and Head
1H B GUNNER PhD Assoc Dir for Res		of Dept
1G E MOTTLA AB Exec Dir		12WARREN LITSKY PhD Commonwealth Prof and Dir Inst
		of Agr and Indus Microbiol
Civil Defense Training Program	5030	12W S MUELLER PhD Assoc Prof Microbiol
3H W PERKINS BS Dir		12R W WALKER PhD Asst Prof Bact
3S D PIERSON BS Ldr Fallout Shelter Mgt		
3GEORGE VINSKEY MS Radiol Trng Off		Food Science and Technology 5080
Economics (Agr and Food)	5050	123W B ESSELEN PhD Commonwealth Head of Dept
13J H BRAGG DBA Assoc Prof Agribus Mgt	5050	12F M CLYDESDALE PhD Asst Prof Chem 123D A EVANS MS Asst Prof Dairy Technol
12A A BROWN MS Prof Transp Econ		121 S FAGERSON PhD Prof Anal Chem
12 J W CALLAHAN MS Asst Prof Agr Econ		12F J FRANCIS PhD Prof Biochem and Plant Chem
123R L CHRISTENSEN PhD Assoc Prof Prod Eco	n	Nicolas Appert Prof Food Technol
123B D CROSSMON DPA Prof Mktg Mat	-	123D J HANKINSON PhD Prof Dairy Technol
123N E ENGEL PhD Assoc Prof Resource Econ		12K M HAYES MS Prof Food Technol
1R A FITZPATRICK MS Assoc Prof Mktg Econ		120 H HULTIN PhD Prof Enzymol
123J H FOSTER PhD Prof Resource Econ		1W M HUNTING PhD Asst Prof Anal Chem
123E I FULLER PhD Assoc Prof Prod Econ		12R E LEVIN PhD Assoc Prof Microbiol
123ELMAR JARVESOO DAGT Assoc Prof Agr Econ 1DEANE LEE MS Asst Prof Agr Econ	ı	TRMULMANTY PhC Assoc Frof Food Technol and Engin
13T W LEED PhD Prof Mktg Econ		12W W NAWAR PhD Prof Bicchem
13D R MARION MS Asst Prof Mkty Econ		1F F POTTER PhD Assoc Prof Dairy Technol
123SARGENT RUSSELL PhD Prof Mktg Econ		12F M SAWYER PhD Assoc Prof Brochen.
1H G SPINDLER MBA Asst Prof Acctq		12C R STUMBO PhD Prof Microbiol
123D A STOREY PhD Assoc Prof Mktg Econ		
1R L VERTREES PhD Asst Prof Resource Econ	1	
123 J B WYCKOFF PhD Prof Resource Econ		Forestry and Wildlife Management 5090
Entropy (A.)	2040	123A D RHODES MF Head of Dept
Engineering (Agr)	5060	12H G ABBOTT ME Prof For Protection and Silvic 12R S BOND Phil: Assoc Prof Resource Econ
123J T CLAYTON PhD (PE) Prof Environ Engin a Head of Dept	na	12C A CARLOZZI PhD Assoc Prof Resource Plan
12C S CHEN PhD Asst Prof and Agr and Biol		12A B COLE MF Instr For
Engin		12C F COLE PhU Assoc Prof Fisheries Biol
123S W FLETCHER III PhD Asst Prof Food Engin		12H B GATSLICK PhD Prof Wood Technol
13C A JOHNSON MS (PE) Assoc Prof Util and Eq	uip	12FRFTERICK GREELEY PhD Assoc Prof Wildlife Biol
123E A JOHNSON MS Asst Prof Agr Power		12R B HOADLEY UF Assoc Prof Wood Technol
13R G LIGHT MS Assoc Prof Farmstead Engin		12 JE JOHNSON PhD Asst Prof Fisheries Biol
1E S PIRA MS Asst Prof Util		12) S LARSON PhD Assoc Prof Wildlife Biol
12Mrs CHOKYUM RHA PhD Asst Prof Fo∞d and B	Biol	12W P MacCONNELL MF Prof For Mgt
Engin 12L F WHITNEY PhD (PE) Assoc Prof Mach Desi		12D L MADER Ph's Prof For Soils and Ecol 12J C MAWSON MF Asst Prof For Mensuration
12J W ZAHRADNIK PhD (PE) Prof Food Engin	ıgn	12W S McNAMARA PhD Asst Prof Wood Chem
-12 W ZMITHERATE THE ATTACHMENT TO FOOD ENGIN		13J H NOYES MF Prof For Mgt
Entomology	5070	12W W FICE DF Assoc Prof Wood Technol
123TM PETERS PhD Assoc Prof Gen Ent and Hea	d of	125 F WILSON PhD Asst Prof Tree Physiol
Dept		
123W B BECKER PhD Prof For Ent		6W G SHELDON PhD Ldr Mass Coop Wildlife Res Unit
12L J EDWARDS PhD Asst Prof Ins Physiol		USDI and Adjunct Prof Wildlife Biol
12D WHALL FhD Asst Prof Med Ent		6W E CODGE PhD Asst Ldr Mass Coop Wildlife Res
123J F HANSON PhD Prof Ins Morphol 13G L JENSEN PhD Asst Frof Ins Biol		Unit USE1 and Adjunct Asst Prof Wildlife Biol 6J A McCANN PhD L.dr Mass Coop Fishery Unit USDI
1J H LILLY PhD Prof Ent		and Adjunct Assoc Prof Fisheries Biol
1Miss MARION E SMITH PhD Assoc Prof Ins Tax	con	6R J REED PhD Asst Ldr Mass Coop Fishery Unit
12J G STOFFOLANO Jr PhD Asst Prof Ins Ecol		USDI and Adjunct Assoc Prof Fisheries Biol
		6D K WETHERBEE PhD Res Biol Mass Coop Wildlife
Environmental Sciences (Waltham and Amherst)	507.5	Res Unit USDI and Adjunct Assoc Prof Wildlife

En

Waltham 02154

(Waltham Field Station, 240 Beaver Street, Waltham 617-891-0650)

0650)

123J A NAEGELE PhD Prof Ent and Head of Dept
3P F BOBULA MS Asst Prof Nurserycult
3F J CAMPBELL BS Asst Prof Ext Flor
3C S CHATER MS Assoc Prof Ent
2L E CRAKER PhD Asst Prof Plant Physiol
27G P FALIDOUL DVM Prof Vet Sci

4-H Club 5100

3M L HOWES PhD Asst Dir of Ext 4-H and Youth Prog 3Mrs JANETR DRAKE BS Staff Asst 3G J GRIBOUSKI MS State 4-H Ldr Agr and Natural

Resources
3:4:LL HET L. HOWELL, MA Ctate 4-H Ldr Home Econ
3:UCAN J UHLINGER MS Ctate 4-H Ldr Food and Nutr

Home Economics (Ext Sch of Home Econ)

13HFLEN G CANOYER PhD (Dean Sch of Home Econ) 13WINIFRED I EASTWOOD MA Prof and Asst Dir for Home Econ

13J D BURROUGHS MS Prof Human Devlpmt
13VERDA M DALE PhD Prof Mgt and Fam Econ 13VIRGINIA DAVIS MS Assoc Prof Text Cloth and Environ Arts

13Mrs AUDREY M ISLES MS Instr Mgt and Fam Econ 13Mrs ROSA S JOHNSTON MA Assoc Prof Text Cloth and Environ Arts

13MARJORIE M MERCHANT MS Assoc Prof Mgt and F im Econ

13HARRIFT J WRIGHT MS Prof Nutr and Food

Hotel and Restaurant Administration

5112

13D E LUNDBERG PhD Head of Dept 1G R CONRADF MBA Instr 13N G COURNOYER PhD Assoc Prof 13C E ESHBACH MPA MS Assoc Prof

1C J ROBERTSON AB Lect 13A L WRISLEY Jr MA Asst Prof

Landscape Architecture

5115

1E H 7UBE MLA Head of Dept 1T S BACON Jr MCP Prof Regional Plan IM B BRAUN MCP Lect Regional Plan

IWALTER CUDNOHUFSKY MLA Asst Prof Landsc Arch

1H C DAVIS PhD Assoc Frof Resource Plan 1N T DINES MLA Asst Prof Landsc Arch

1J'JLIUS FABOS MLA Assoc Prof Lundsc Arch

18 B GREENBIE MS Assoc Prof Regional Plan

17 3 HAMILTON Jr MS Assoc Prof Landsc Arch

IV J JARM BS Lect Park Admin

1R L KENT Jr MLA Assoc Prof Landse Arch

13G S KING MS Prof Park Mgt
1J H MAPTIN MLA Assoc Prof Arch
1H E MOSHER MLA Assoc Prof Landsc Arch

1G D OLSON Jr BS Lect Park Mat 1P N PROCOPIO MS Prof Landsc Arch

1A J W SCHEFFEY PhD Prof Regional Plan

1H E SCHWARY BCE Lect Resource Plan

1D N SLARS MPA - Lect Regional Plan

Plant and Soil Sciences

5120

123F W SOUTHWICK PhD Head of Dept

1J F ANDERSON MS Asst Prof Pomol

12J H BAKER PhD Assoc Prof Soil Chem 12A V BARKER PhD Assoc Prof Plant Physiol

1A W BOICOURT MS Prof Flor

12W J BRAMLAGE PhD Assoc Prof Post-Harvest Physiol

123W G COLBY PhD Prof Forage Crops

12MACK DRAKE PhD Prof Plant and Soil Chem 1G B GOLDARD PhD Assoc Prof Plant Physiol

12D W GREENE PhD Asst Prof Plant Physiol

123J R HAVIS PhD Prof Plant Physiol

12F H JENNINGS PhD Asst Prof Plant Physiol

12W H LACHMAN MS Prof Plant Brdg

13W J LORD PhD Prof Pomol

12H V MARSH Jr PhD Assoc Prof Plant Physiol and Biochem

12D N MAYNARD PhD Assoc Prof Plant Physiol

1L F MICHELSON PhD Assoc Prof Plant and Soil Chem

1W A ROSENAU PhD Assoc Prof Plant Nutr 12G L STEWART PhD Assoc Prof Soil Phys

13C L THOMSON MS Prof Veg Crops

13JOSEFH TROLL PhD Assoc Prof Turi Path 1A P TUTTLE MS Asst Prof Hort

12JONAS VENGRIS DAgrSci Prof Weed Biol

13M E WEEKS PhD Prof Soil and Crop Spec

13H M YEGIAN MS Asst Prof Plant Genet 12J M ZAK MS Assoc Prof Soil Sci

Plant Pathology

5130

123R A ROHDE PhD Head of Dept
12G N AGRIOS PhD Assoc Prof Virol and Fruit Path

12W M BANFIELD PhD Prof For Puth

13C J GH GUT PhD Prof Plant Path

12F W HOLMES PhD Prof Shade Tree Path

Plant Pathology-Continued

12M A McKENZIE PhD Prof and Dir Shade Tree Lab (s) 12M S MOUNT PhD Asst Prof Plant Dis Physiol and Biochem

Regulatory Services (Feed Fert Dairy Laws Seed Lab) 5160

7J W KUZMESKI BS Prof in Chg

7C H EIBEN MS Asst Prof Seed Control

7MRS GEORGIA P FRENCH MS Instr Feed and Fert

7W C LINCOLN Jr BS Instr Seed Control

7R M MORGAN BS Prof Tech Feed and Fert

17W N RICE PhD Assoc Prof Plant Path and Dir Seed Lab

Veterinary and Animal Sciences 123T W FOX PhD Head of Dept

5170

12DL ANDERSON PhD Assoc Prof Nutr

12DL BLACK PhD Prof Physiol 12W G BLACK PhD Prof Physiol

12ANTHONY BORTON PhD Assoc Prof Physiol

13B E COLBY MS Prof Livestock Spec

1W A CONDON MS Lect Physiol

12R A DAMON Jr PhD Prof Anim Genet and Expt Sta Biomet

1J W DENISON MS Asst Prof Mktg and Mgt THEINRICH FENNER PhD Asst Prof Nutr

123S N GAUNT PhD Prof Genet

13R M GROVER MS Assoc Prof Poultry Spec

7W K HARRIS DVM Prof Vet Microbiol

IW G HIPSLEY BS Staff Asst Equitation

12G R HOWE PhL Assoc Prof Physiol

1LINDA D JASKIEL BA Staff Asst Equitation 13S J LYFORD Jr PhD Asst Prof Nutr

7PEGGY A McCONNELL MS Instr Physiol

7BARBARA A MITCHELL BS Staff Asst and Mastitis Lab Supvr

17IONA M REYNOLDS MS Instr Microbiol 12MARTIN SEVOIAN VMD Prof Vet Path

12R E SMITH VMD Prof Clin Path

7C F SMYSER Jr MS Asst Prof Microbiol 12J R SMYTH JR PhD Prof Avian Genet

12G H SNOEYENBOS DVM Prof Vet Sci

13D N STERN VMI | Prof Ext Vet

12Mrs OL CAIG WEINIACK MC | Asst Prof Microbiol

Substations (See also Environmental Sciences Waltham) 5180

Cranberry Station, Glen Charlie Roud, East Wareham 02538 (617-295-2212)

123C E CROSS PhD Head of Dept

3I E DEMORANVILLE MS Asst Prof and Cranberry Spec

2K H DEUBERT PhD Asst Prof Biochem 2R M DEVLIN PhD Assoc Prof Plant Physiol

23J S NORTON MS Assoc Prof Agr Engin 23W E TOMLINSON MS Prof Ent

2B M ZUCKERMAN PhD Prof Plant Path

MICHIGAN

The College of Agriculture and Natural Resources, The Agricultural Experiment Station, The Cooperative Extension Service, the Colleges of Education (Agr), Human Ecology, Natural Science (Bot and Plant Path, Ent), Social Science (Sociol), Veterinary Medicine of Michigan State University, Fast Lansing 48823 (main tel 517-355-1855)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop AEC 7Misc 9A-TR, M-S Program

5190

1C R WHARTON Jr PhD LLD Pres of Univ (517-355-6560)

1L L BOGER PhD Dean of Col of Agr and Natural Resources (517-355-0232)

1D L ARMSTRONG PnD Asst Dean of Col of Agr and Natural Resources and Dir of Res Instr (517-355-0234)

5190-5230 MICHIGAN

29S H WITTWER PhD Asst Dean of Col of Agr and Natural Resources and Dir of Expt Sta (517-355-01231

2.J A HOEFER PhD Assoc Dir of Expt Sta (517-355-0123)

3G S McINTYRE BS Asst Dean of Col of Agr and Natural Resources and Dir of Ext Serv (517-355-2308)

123R E WILKINSON BA Vice Pres for Bus and Finance-Treas (517-355-5014)

IM E MUELDER PhD Vice Pres for Res Devlpmt and Advanced Grad Studies (517-355-0300)

Animal Husbandry 5200

1R H NELSON PhD Prof and Chmn of Dept Anim Brdg (517-355-8384)

12W G BERGEN PhD Asst Prof Anim Nutr

3G L BLANK MS Prof Sheep

2L J BRATZLER MS Prof Meats

12R J DEANS PhD Assoc Prof Meats

3R J DUNN PhD Asst Prof Anim Brdg 1B H GOOD MS Prof and Supt of Farm

23T R GREATHOUSE PhD Prof Beef Cattle

23H E HENDERSON PhD Prof Beef Cattle Physiol

13H A HENNEMAN PhD Prof Anim Husb Physiol

2J A HOEFER PhD Prof Swine Nutr

12W T MAGEE PhD Prof Anim Brdg 12R A MERKEL PhD Prof Meats

123EC MILLER Jr MS Prof Swine 12ER MILLER PhD Prof Anim Nutr

13H D RITCHIE PhD Ass∞ Prof Livestock Nutr

12D E ULLREY PhD Prof Anim Nutr

5210 **Biochemistry**

12W A WOOD PhD Prof and Chmn of Dept (517-355-1600)

12R L ANDERSON PhD Prof 12S DAUST PhD Asst Prof

12E J BENNE PhD Prof

12L L BIEBER PhD Assoc Prof

12J A BOEZI PhD Assoc Prof

1R U BYERRUM PhD Prof

12W CDEAL PhD Assoc Prof 12R J EVANS PhD Prof

12J L FAIRLEY Jr PhD Prof 16PHILIP FILNER PhD Assoc Prof

12J F HOLLAND MS Instr 12P K KINDEL PhD Assoc Prof

7HYRAM KITCHEN PhD Ass∞ Prof

12H A LILLEVIK PhD Assoc Prof

12R W LUECKE PhD Prof

12A J MORRISPhD Assoc Prof 12R A RONZIO PhD Asst Prof

12F M ROTTMAN PhD Assoc Prof

12H M SELL PhD Prof

12J C SPECK Jr PhD Prof

12C H SUELTER PhD Prof 12C C SWEELEY PhD Prof

12N E TOLBERT PhD Prof

1ALEXANDER TULINSKY PhD Prof

16JE VARNER PhD Prof

12W W WELLS PhD Prof 12J E WILSON PhD Asst Prot

Botany and Plant Pathology (Natural Sci) 5220

12W B DREW PhD Prof and Chmn of Dept Econ Bot Plant Ecol (517-355-4680)

3A L ANDERSEN PhD Prof Plant Path
1R S BANDURSKI PhD Prof Plant Biochem Enzym Physiol

1J H BEAMAN PhD Prof Taxon Vascular Plants 1ESBENEKE PhD Prof Mycol Med Mycol

1E C CANTINO PhD Prof Morphogen Plant Biochem Mycol

1AUREAL CROSS PhD Prof Palynol

12D J deZEEUW PhD Prof Plant Path

12A H ELLINGBOE PhD Assoc Prof Plant Path

Genet of Fungi IW G FIELDS PhD Asst Prof Mycol

12N E GOOD PhD Prof Plant Biochem Physiol

Botany and Plant Pathology (Natural Sci)-Continued

4J H HART PhD Assoc Prof Plant Path (For and Shade Tree Dis)

12W J HOOKER PhD Prof Plant Virol Plant Path

23G R HOOPER PhD Asst Prof Plant Path Small Fruit Dis

1H A IMSHAUG PhD Prof Mycol Taxon of Lichens

23A L JONES PhD Asst Prof Plant Path (Stone Fruit Dis)

16MICHAEL JOST PhD Asst Prof Fine Structures 16H J KENDE PhD Prof Plant Res Lab Plant Physiol Growth Subs

2ALEKSANDER KIVILAAN PhD Asst Prof Plant Physiol

123E J KLOS PhD Prof Plant Path

11 W KNOBLOCH PhD Prof Toxon Cytol of Fems

12M L LACY PhD Asst Prof Plant Path

16 ANTON LANG DrNAT SCI Prof Dir Plant Res Lab Plant Physiol

4J L LOCKWOOD PhD Prof Plant Path Ecol Soil Microfl

1L W MERICLE PhD Prof Radiation Bot Genet Devlpmt Higher Plants

1BRIAN MOSS PhD Asst Prof Phycol

2H H MURAKISHI PhD Prof Plant Virol Path

1P G MURPHY PhD Asst Prof Ecology 1K D NADLER PhD Asst Prof Plant Physiol

1C J POLLARD PhD Assoc Prof Plant Biochem Physiol

23H S POTTER PhD Assoc Prof Plant Path

25A W SAETTLER PhD Asst Prof Plant Path (Bact Dis Beans)

12R P SCHEFFER PhD Prof Plant Path (Host Parasite Relat)

25C L SCHNEIDER PhD Asst Prof Plant Path (Root Dis Sugarbeets)

3N A SMITH PhD Assoc Prof Plant Path

1S N STEPHENSON PhD Asst Prof Plant Ecol

1WILLIAM TAI PhD Asst Prof Cytogenet

12J M VARGAS Jr PhD Asst Prof Plant Path (Dis Sod Turf)

2M V WIESE PhD Asst Prof Plant Path (Dis of Wheat)

16L G WILSON PhD Assoc Prof Asst Dir Plant Res Lab Plant Physiol

1P C WOLK PhD Asst Prof Plant Biochem Physiol of Algae

16J A D ZEEVAART PhD Assoc Prof Plant Res Lab Plant Physiol

Crop and Soil Science

5230

1D D HARPSTEAD PhD Prof and Chmn of Dept (517-355-0262)

12M W ADAMS PhD Prof Plant Brdg and Genet

12J B BEARD PhD Assoc Prof Environ Phys and Turf 23R W CHASE PhD Assoc Prof Plant Phys

23D RCHRISTENSON PhD Asst Prof Soil Fert Mgt

13L O COPELAND PhD Asst Prof Seed Impr

2C E CRESS PhD Ass∞ Prof Plant Sci Statis

12J F DAVIS PhD Prof Soil Fert Mgt

3J L DEMETERIO PhD Ext Spec Soil Chem

123E C DOLL PhD Prof Soil Fert Mgt 12R L DONAHUE PhD Prof Soil Fert Mgt

12B G ELLIS PhD Prof Soil Fert Mgt Soil Chem

12F C ELLIOTT PhD Prof Plant Brdg and Genet

3M H ERDMANN PhD Prof Crop Prod

12A E ERICKSON PhD Prof Soil Chem Soil Phys 12E H EVERSON PhD Prof Plant Brdg and Genet

12H DFCTH PhD Prof Soil Fert Mgt Soil Genesis Classif and Mapping

12J E GRAFIUS PhD Prof Plant Brdg and Genet

12C M HARRISON PhD Prof Crop Prod

3S C HILDEBRAND MS Assoc Prof Crop Prod

125G J HOGABOAM PhD Agron-Asst Prof (Plant Brdg and Genet) Collab

12T J JOHNSTON PhD Asst Prof Crop Prod

12B D KNEZEK PhD Assoc Prof Soil Fert Mgt and Soil Chem

2H L KOHLS MS Asst Prof Crop Prod

2R J KUNZE PhD Prof Soil Chem
3R E LUCAS PhD Prof Soil Fert Mgt

123W F MEGGITT PhD Prof Phys and Weed Control

MICHIGAN 5230-5270

Crop and Soil Science-Continued

12M M MORTLAND PhD Prof Soil Chem Phys Chem

3L V NELSON MS Prof Crop Prod 125C R OLIEN PhD Agron-Assoc Prof (Cereal Invest) Collab

12K TPAYNE PhD Prof Plant Brdg

2D P PENNER PhD Asst Prof Weed Physiol

23D J REID PhD Asst Prof Crop Prod

12P E RIEKE PhD Assoc Prof Soil Fert Mgt

123L S ROBERTSON PhD Prof Soil Fert Mgt

12E C ROSSMAN PhD Prof Plant Brdg and Genet
12I F SCHNEIDER BS Assoc Prof Soil Genesis Classif and Mappina

3Mrs LINDA L SHEARMAN MS Instr

13J C SHICKLUNA PhD Prof Soil Fert Mgt Soil Chem

125D H SMITH PhD Asst Prof Res Genet (Cereal Leaf Beetle Invest)

125F W SNYDER PhD Plant Physiol-Asst Prof (Sugar Plant Invest) Collab

12M B TESAR PhD Prof Pasture and Forage Crops

12N R THOMPSON PhD Prof Plant Brdg and Genet

12J M TIEDJE PhD Asst Prof Soil Microbiol

2C R TRUPP PhD Asst Prof Plant Brdg and Genet
23M L VITOSH PhD Asst Prof Soil Fert Mgt

12E. P WHITESIDE PhD Prof Soil Genesis Classif and Mappina

12A R WOLCOTT PhD Prof Soil Bact

Dairy

1C A LASSITER PhD Prof and Chmn of Dept (517-355-8433)

1D V ARMSTRONG MS Dairy Farm Mgr

123L J BOYD PhD Prof Physiol
12J H BRITT PhD Asst Prof Physiol

12E M CONVEY PhD Asst Prof Physiol

12R M COOK PhD Assoc Prof Nutr 12R S EMERY PhD Prof Nutr

12J L GILL PhD Assoc Prof Statis Genet 12H D HAFS PhD Prof PhysioI

23DONALD HILLMAN PhD Assoc Prof Nutr

12J T HUBER PhD Asst Prof Nutr

23L A JOHNSON PhD Assoc Prof Records

23C J LITTLE MS Asst Prof and Supt Upper Peninsula Expt Sta (PO Chatham) Nutr

12L D McGILLIARD PhD Prof Brdg

23C E MEADOWS PhD Prof Brdg

3D L MURRAY MS Prof Sanit

23A E SHAPLEY PhD Asst Prof Mgt 1234J A SPEICHER PhD Assoc Prof Mgt

23P W SPIKE PhD Asst Prof Dairy Records

23A J THELEN DHIA Supvr Computer Ctr

12J W THOMAS PhD Prof Nutr 12H A TUCKER PhD Assoc Prof Physiol

3M A WILSON MS Field Dairyman Records

Economics (Aar)

5250

5240

1D E HATHAWAY DPA Prof and Chmn of Dept (517-355-4567)

1D L ARMSTRONG PhD Assoc Prof Farm Mgt Prod Econ

3J R BLACK PhD Asst Prof Farm Mgt

1L L BOGER PhD Prof Prices and Mktg

12J T BONNEN PhD Prof Agr Mktg Public Policy

2J R BRAKE PhD Prof Farm Mat

3L H BROWN PhD Prof Form Mgt

5D G CARVEY BS Agr Econ Res Econ

23D L COLE PhD Asst Prof Agr Mktg

2L J CONNER PhD Assoc Prof Farm Mgt

4T K COWDEN PhD Prof Agr Policy and Mktg

13G K DIKE PhD Assoc Prof Grain Mktg

3J C DONETH MS Prof Farm Mgt 5R D DUVICK MS Agr Econ Res Econ

12C K EICHER PhD Assoc Prof Internati Trade Econ Agr Devlpmt

12J N FERRIS PhD Assoc Prof Outlook and Prices

12R L GUSTAFSON PhD Prof Agr Econometrics 5DUANE HACKLANDER MS Agr Econ Res Econ

7K M HARRISON PhD Asst Prof Internatl Mktg and

Econ Devlpmt

3S B HARSH PhD Asst Prof Farm Mgt
5R T HARTWIG MS Assoc Prof (PO Marquette) Farm Mgt

Economics (Agr)-Continued

2M L HAYENGA PhD Asst Prof. Agr Mktg

3R E HEPP PhD Asst Prof Form Mgt

2C R HOGLUND MS Prof Farm Mat Forage Econ

5JOHN HOSTETLER MS Agr Econ Land Econ

3A E HOUSE PhD Assoc Prof Public Policy

12G L JOHNSON PhD Prof Prod Econ Form Mgt
13M P KELSEY PhD Assoc Prof Form Credit and Mgt

13L R KYLE PhD Prof Farm Mgt Crop Syst and Cost Studies

123H E LARZELERE PhD Prof Egg and Poultry Mktg

12L V MANDERSCHEID PhD Prof Price Anal

23GLYNN MCBRIDE PhD Prof Dairy Mktg

5W T MILLER BS Agr Econ Land Econ

6DANIEL PIPER MS Agr Econ Land Econ 5R W RHOADE PhD Agr Econ Res Econ

2D J RICKS PhD Assoc Prof Mktg and Price Anal
12H M RILEY PhD Prof Mktg Livestock Econ Devlpmt

3G E ROSSMILLER PhD Asst Prof Farm Labor Mgt

SCARMAN SANDRETTO MS Agr Econ Land and Water Res

12A A SCHMID PhD Prof Land Econ Political Econ

12J D SHAFFER PhD Prof Mktg Consum Behavior

12V L SORENSON PhD Prof Agr Bus Mgt

2R D STEVENS PhD Assoc Prof Internati Trade Econ of Agr Devlpmt

5S H STIPE MS Agr Econ Land Econ

3D W STURT PhD Prof Farm Labor Mgt

3W A TINSLEY PhD Assoc Prof Farm Mgt
12ORION ULREY PhD Assoc Prof Coop Bus and Rural

Devlomt

5JAMES VERTREES MS Agr Econ Res Econ

IW H VINCENT PhD Prof Farm Mgt

12L W WITT PhD Prof Internatl Trade

3G P WOOD PhD Prof Public Policy Latin Amer Studies

12K T WRIGHT PhD Prof Cost Studies

3MARY D ZEHNER MS Consum Mktg Ext Spec

Education, College of

5260

1C H GROSS PhD Prof and Chmn Dept of Secon Educ and Curriculum (517-355-169I)

1J F BOBBITT EdD Asst Prof Agr Educ

INORMA S BOBBITT EdD Asst Prof Home Econ

1LAWRENCE BOROSAGE PhD Prof Indus Educ

1T W BURT MA Instr Indus Educ 1H M BYRAM PhD Prof Agr Educ

1ALBERTA M DOBRY MA Instr Home Econ

1R E DYSON MA Instr Indus Educ 14G W FERNS PhD Prof Indus Educ

IR A GARNER PhD Assoc Prof Agr Educ

1PETER HAINES PhD Prof Bus Educ

IVIRGINIA B KOZLOWSKI MA Instr Home Econ

IC B MacLEAN PhD Assoc Prof Indus Educ

10 D MEADERS EdD Prof Agr Educ

1R P POLAND PhD Assoc Prof Bus Fduc 1H P SWEANY PhD Prof Agr Educ

IG E TIMMONS EdD Prof Agr Educ

1ELAINE FUTHE PhD Asst Prof Bus and Distributive Educ

1HAROLD WALLACE PhD Assoc Prof Distributive Educ

Engineering (Agr)

5270

1B A STOUT PhD Prof and Chmn of Dept (517-355-4720)

1C F ALBRECHT MA Assoc Prof Agr Mech Coord 12F W BAKKER-ARKEMA PhD Assoc Prof Proc and

Drying 12W G BICKERT PhD Assoc Prof Elec Power and Proc

13J S BOLEN MS Instr Farm Equip Serv and Sales Coord
123J S BOYD PhD Prof Structures

1J B BOZUNG BS Tech Power Mach

5G K BROWN MS Fruit and Veg Mach 3B F CARGILL PhD Assoc Prof Fruit and Veg Mech

123W O CARVER MS Draftsman

3H J DOSS BS Ext Spec Manpower

3C M EDWARDS MS Assoc Prof Home Engin

123M L ESMAY PhD Prof Structures

12D L FARMERMS Instr Mach

12C M HANSEN MA Prof Power and Mach

12D RHELDMAN PhD Assoc Prof Proc

5270-5352 MICHIGAN

Engineering (Agr)—Continued	Extension—Continued
123P D HOCK Tech Instruments	3MARY J E WOODWARD MA Asst Prof and Prog Ldr
12J B HOLTMAN PhD Asst Prof Syst	4-H Youth Prog
1D M KAMPE MS Asst Prof Mach	(Family-Living Education)
123E H KIDDER MS Prof Soil and Water	3Mrs LOIS H HUMPHREY PhD Prog Dir Fam Living
5J H LEVIN MS Fruit and Veg Harvest Invest (Entire	Educ
US)	3Mrs ARVELLA G CURTIS MA Prog Ldr Fam Living
3L A MACK MS Youth Prog	Educ
12C J MACKSON PhD Prof Power and Mach	3Mrs GAIL L IMIG MA Prog Ldr Fam Living Educ
3R L MADDEX MS Prof Proc Dry and Structures	3BETTY M KETCHAM MS Prog Ldr Family Living
5DALE MARSHALL MS USDA Invest	Educ
12G E MERVA PhD Assoc Prof Hydrol	(Marketing)
12P O NGODDY PhD Asst Prof	3G T STACHWICK MS Prog Dir Mktg
1F V NURNBERGER MS Instr Environ	(Resource Development)
3RJ PATTERSON MS Instr Mktg Process and Facilities	3E G OLSTROM MS Assoc Prof Prog Dir Resource
3R G PFISTER PhD Assoc Prof Safety	Devlpmt
12L K PICKETT PhD Asst Prof Mach	Devipan
2KLAUS RASCHKE PhD Prof Plant Environ	FIELD OPERATIONS
126N D STROMMEN MS Asst Prof Microclimatel	3F A MADASKI MS Assoc Profond Asst Field Oper Dir
13T C SURBROOK MS Instr Elec Power	3F J MOLINARE MS Asst Field Oper Dir
5BR TENNES MS Fruit and Veg Mach	3G E PARSONS MS Prof Asst Field Oper Dir
3R G WHITE MS Assoc Prof Power and Mach	The state of the s
1R H WILKINSON PhD Asst Prof Power and Mach	INSTITUTION FOR EXTENSION PERSONNEL DEVELOP-
5R J WOLTHUIS BS Engin Aid	MENT
	1234M E MILLER PhD Asst Prof Dir Inst for Ext Pers
Entomology (Col of Natural Sci) 5280	Devlpmt
12G E GUYER PhD Prof and Chmn of Dept	3PATRICIA J LaFLAME MS Ext Spec Educ Media for
Aqua and Veg Insects (517-355-4665)	Ext Pers Devigmt
2JAMES BATH PhD Assoc Prof Ins Vector Plant Dis	HACT eta Devipint
Ornam	Food Science 5310
12J W BUTCHER PhD Prof For Ins	12B S SCHWEIGERT PhD Prof and Chmn of Dept
25R V CONNIN MS Asst Prof Ins Recging	Biochem and Nutr Meat Prod (517-355-8475)
3D C CRESS PhD Asst Prof Veg Anim Household Pests	12C L BEDFORD PhD Prof Fruit and Veg Prod
1K W CUMMINS PhD Assoc Prof Aquatic Ins Ins	12G A BORGSTROM PhD Prof Fruit Veg and Fish Prod
Ecol and Limnol	12L J BRATZLER MS Prof Meat Prod
1R L FISCHER PhD Prof Taxon	12J R BRUNNER PhD Prof Dairy Prod
12D L HAYNES PhD Asst Prof Pop Ecol	12L E DAWSON PhD Prof Poultry Prod
2J R HOFFMAN PhD Assoc Prof Accord	12L R DUGAN Jr PhD Prof Lipid Chem
1ROGER HOOPINGARNER PhD Assoc Prof Physiol	12L G HARMON PhD Prof Dairy Prod
2A J HOWITT PhD Prof Fruit Ins	12T I HEDRICK PhD Prof Dairy Prod
2J A KNIERIM PhD Asst Prof Nematol	12D R HELDMAN PhD Assoc Prof Food Engin
3C W LAUGHLIN PhD Asst Prof Nematol	12J M JENSEN MS Assoc Prof Dairy Prod
2N C LEELING PhD Asst Prof Toxicol	12R V LECHOWICH PhD Prof Food Microbiol
123E C MARTIN PhD Prof Apic	12PERICLES MARKAKIS PhD Prof Fruit and Veg Prod
2R E MONROE PhD Asst Prof Ins Toxicol	12R A MERKEL PhD Prof Meat Prod
1H D NEWSON PhD Asst Prof Medical Ent	12R C NICHOLAS PhD Prof Food Engin
23R F RUPPEL PhD Prof Field Crops Ins	12A M PEARSON PhD Prof Meat Prod
3R J SAUER PhD Asst Prof Youth Ed Survey Spider	123J F PRICE PhD Assoc Prof Meat and Poultry Prod
Ecol	13A L RIPPEN MS Prof Dairy Prod
1G C SPINK PhD Asst Prof Cytol and Electron Micro-	12C M STINE PhD Prof Dairy Prod
scopy	12W M URBAIN PhD Prof Meat Prod and Food Engin
1F W STEHR PhD Asst Prof Ins Ecol	123THEODORE WISHNETSKY PhD Assoc Prof Fruit and
3W E WALLNER PhD Assoc Prof Ornam Household	Veq Prod
25J A WEBSTER PhD Asst Prof Host Plant Resistance	-9.
25S G WELLSO PhD Asst Prof Physiol	Human Ecology, College of 5352
23M J ZABIK PhD Assoc Prof Toxicol	IJEANETTE A LEE MS Prof and Dean Foods and Nutr
	(517-355-7714)
Extension 5290	12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res
ADMINISTRATION	Food and Nutr
3G SMCINTYRE BS Prof and Asst Dean Col of Agr and	ROSALIND B MENTZER PhD Prof and Asst Dean
Natural Resources and Dir Ext (517-355-2308)	Home Econ Educ
3D A CAUL PhD Assoc Prof and Prog Coord	Mrs BEATRICE LEONARDSON MS Coord of Cont Educ
3H L MILLER PhD Assoc Prof and Ext Mgt Inform Syst	Cloth and Text
3F J PEABODY PhD Assoc Prof and Pers Dir	1Mrs JEAN R PAGE MA Instround Asst to Decon
FINANCE	Home Econ Educ
FINANCE 3F R FLADSETH MA Budget Asst	EANILY AND OUT DISCUSSIONS
31 ITT LADOLITI MIA Dudget Assi	FAMILY AND CHILD SCIENCES
PROGRAM DIRECTORS AND STAFF	1MARGARET JACOBSON PhD Prof and Chmn of Dept Fam Life (517-355-7680)
(Agriculture)	1MARIELLA AIKMAN MS Nursery Sch Tchr
3R W BELL MS Prof and Asst Dir Agr	12R P BOGER PhD Prof Child Devlpmt and Dir Inst Fam
(4-H Youth Prog)	Child Res
3G L BECKSTRAND PhD Prof and Dir 4-H Youth	IBERNICE D BORGMAN PhD Prof Child Devlpmt
Prog	Mrs VERA D BOROSAGE PhD Assoc Prof Child
3J R GILLESPIE MEduc Prog Ldr 4-H Youth Prog	Devlpmt and Fam Life
3A M PETERSON MA Assoc Prof Prog Ldr 4-H	Mrs NORMA CHAMPION MA Instr Child Devlpmt
Youth Prog	Mrs EILEEN EARHART PhD Asst Prof Child Devlpmt
3L F ROTHERT PhD Prog Ldr 4-H Youth Prog	BETTY GARLICK MA Nursery Sch Tchr
3W E TEDRICK PhD Prog Ldr 4-H Youth Prog	1Mrs THELMA D HANSEN MA Instr Home Mgt and Fam
3C H WAMHOFF PhD Prog Ldr 4-H Youth Prog	Life

5352-5360 MICHIGAN

Human Ecology, College of-Continued

1Mrs VERNA HILDEBRAND MA Asst Prof Child Devlomt

1DONALD MELCER PhD Assoc Prof Child Devlpmt 1Mrs ELEANOR MORRISON MA Instr Parent Educ 1Mrs ELLA JANE OYER PhD Asst Prof Fam Life

13E O PEISNER EdD Prof Fam Life 1Mrs JESSIE PINCH MA Instr Child Devlpmt 1Mrs SHARON STOLZ MA Instr Child Devlpmt 1Mrs ALICE WHIREN MS Instr Child Devlpmt

FAMILY ECOLOGY

1BEATRICE PAOLUCCI EdD Prof and Actg Chmn of Dept (517-353-5248)

1Mrs NORMA BOBBITT EdD Asst Prof Home Econ Educ 1ALBERTA M DOBRY MEd Instr Home Econ Educ 1ESTHER EVERETT MA Prof Home Mgt 23Mrs BARBARA FERRAR MA Instr Home Mgt

3ANNE E FIELD MS Instr Home Mgt 3LUCILE KETCHUM MA Assoc Prof Home Mgt and Fam Econ

IVIRGINIA B KOZLOWSKI MA Instr Home Econ Educ 12Mrs FRANCES K MAGRABI PhD Prof Fam Econ 12Mrs M JEAN SCHLATER PhD Prof Home Mgt 1Mrs CAROL W SHAFFER PhD Assoc Prof Home Mgt 1Mrs DOROTHY WEST MEd Instr Home Econ Educ

HUMAN NUTRITION AND FOODS

IDENA C CEDERQUIST PhD Prof and Chmn of Dept Nutr (517-355-7730)

1KATHLEEN CUTLER MS Assoc Prof Foods 3Mrs ANITA J DEAN MS Asst Prof Nutr 1Mrs BARBARA B DESKINS MS Instr Foods 12KAYE FUNK PhD Assoc Prof Foods 1KATHERINE M HART MS Prof Foods 1T F IRMITER PhD Assoc Prof Foods 13GLADYS E KNIGHT MS Assoc Prof Foods 1JEAN A McFADDEN EdS Asst Prof Foods
12OLAF MICKELSEN PhD Prof Nutr
12GRACE A MILLER PhD Prof Foods IELAINE M MISHLER MS Asst Prof Food Serv 1MARY L MORR MS Asst Prof Foods

13Mrs PORTIA M MORRIS PhD Assoc Prof Nutr 12RACHEL A SCHEMMEL PhD Assoc Prof Nutr 1CHARLOTTE THOMPSON MS Instr Foods 12M G YANG PhD Asst Prof Nutr

12Mrs MARY E ZABIK PhD Asst Prof Foods

HUMAN ENVIRONMENT AND DESIGN

1ROBERT RICE PhD Prof and Chmn of Dept Housing (517-355-7712)

1Mrs NIXOLAF BAYLEMA Instr Relat Arts 1Mrs VIRGINIA D BEAUCHAMP MS Asst Prof Cloth and Text

3MARGARET A BOSCHETTI MS Instr Cloth and Text 12ANNA M CREEKMORE PhD Assoc Prof Cloth 12Mrs JOANNE B EICHER PhD Assoc Prof Cloth Socio-

Cultural 1RICHARD GRAHAM MA Asst Prof Int Design

1Mrs NANCY G HARRIES MS Instr Cloth and Text 3BERNETTA G KAHABKA MS Assoc Prof Cloth and Text

3Mrs SUE KUEHNEMA Instr Cloth and Text 1SUSAN E KING PhD Asst Prof Cloth 1T R KUESTER MA Instr Design 1Mrs GRACE R MARTIN BS Spec Design and Crafts 1DEMETRA MEHAS MEd Asst Prof Retail Cloth and Text

1Mrs BONNIE M MORRISON MA Instr Int Design 12GERTRUDE NYGREN PhD Prof Housing and Relat

1HOLLY L SCHRANK PhD Asst Prof Cloth 1MARY A SHIPLEY PhD Prof Int Design 1Mrs ANN C SLOCUM MS Instr Cloth 1Mrs BETTY J SMUCKER MA Instr Cloth 1JON VREDEVOOGD MFA Instr Int Design 1Mrs STEPHANIA B WINKLER MA Spec Cloth and Text

1H J CAREW PhD Prof and Chmn of Dept

Horticulture

(517-355-5191)

2AMEDEO ALPI PhD Res Assoc Plant Physiol Flor 2R L ANDERSEN PhD Asst Prof Genet and Plant Brdg Pomol

5350

21 B BAKER PhD Asst Prof Plant Brdg Veg 2AMOS BLUMENFELD PhD Res Assoc Plant Physiol

Pomol 12M J BUKOVAC PhD Prof Plant Physiol (Pomol)

2R F CARLSON PhD Prof Pomol Rootstocks
23W H CARLSON PhD Asst Prof Plant Physiol Flor 12R L CAROLUS PhD Prof Nutr and Water Relat Physiol Veg

12W W CARPENTER PhD Prof Plant Physiol Flor 123HAROLD DAVIDSON PhD Prof Plant Physiol Landsc Hort

12A A DeHERTOGH PhD Assoc Prof Brochem and Bulb Physiol Flor

12F G DENNIS Jr PhD Assoc Prof Plant Physiol Pomol

123D H DEWEY PhD Prof Post Harvest Physiol Pomol 123D R DILLEY PhD Prof Post Harvest Physiol Pomol
12D A DUNBAR MA Instr Flor

1E R EMINO MS Instr Flor

2W P HACKETT PhD Visiting Assoc Prof Plant Physiol Flor

23R C HERNER PhD Asst Prof Post Harvest Physiol Veg 2SHIGEMI HONMA PhD Prof Genet and Plant Brdg Veg 23R C HERNER PhD 23G SHOWELL PhD Asst Prof Pomol

23JEROME HULL Jr PhD Assoc Prof Pomol
12A L KENWORTHY PhD Prof Nutr Physiol Pomol

3C D KESNER PhD Asst Prof Pomol (PO Traverse City)

1G M KESSLER PhD Asst Prof Pomol 1C E LEWIS MS Prof Landsc Hort

12R A MECKLENBURG PhD Assoc Prof Plant Physiol Landsc Hort

123A E MITCHELL PhD Prof Plant Physiol Pest Control Pomol

12J E MOULTON PhD Assoc Prof Genet and Plant Brda Pomol

3C W NICKLOW PhD Assoc Prof Veg Crops

2B W POOVAIAH PhD Res Assoc Plant Physiol

23A R PUTNAM PhD Plant Physiol Herb

12H P RASMUSSEN PhD Assoc Prof Plant Physiol Landsa Hort

12S K RIES PhD Prof Plant Physiol Herb 2REYNALDO RODRIGUEZ PhD Res Assoc Plant Physiol Flor

2D H SIMONS PhD Res Assoc Post Harvest Physiol 12K C SINK Jr PhD Assoc Prof Genet and Plant Brdg Flor

13J L TAYLOR PhD Assoc Prof Youth Prog 2H G VEST Jr PhD Assoc Prof Plant Brdg Veg 12S H WITTWER PhD Prof Plant Physiol Veg 2FRANCO ZUCCONI PhD Res Assoc Plant Physiol Pomol

Information Services

5355

1W L TREASTER BS Prof and Chmn of Dept (517-355-2262)

2M T ALLEN BS Expt Sta Pubs Ed

3D C BORK MS Ext 4-H Youth Ed

23R H BROWN BA Ext Expt Sta TV-Radio Ed

3D A CHRISTENSEN BA Ext Mktg Ed

2P G COLEMAN MS Expt Sta Photog
2R I DIVELBISS BS Expt Sta Agr Res Ed

23K M FETTIG BS Ext Expt Sta Asst Pub i'd 3D E GREGG MA Ext Pub Ed

3J C LUTZKE BA Ext Resource Devlpmt Ed

23J J MARKS MA Ext Expt Sta Proj Ldr

3Mrs JUDITH A TURK BS Ext Fam Living Ed

Institute of Agricultural Technology

1H J ECKER PhD Prof and Dir Inst of Agr Technol (517-355-0190)

1J L GIBSON MS Asst Prof Agr Educ 1R G LaPRAD MS Asst Prof Agr Educ

MICHIGAN 5362-5430

Institute of International Agriculture 5362	Natural Resources-Continued
IRVING WYETH PhD Assoc Prof and Dir Inst of	12R J MARTY PhD Assoc Prof Resource Econ
Internatl Agr and Coord Argentine Proj (517-355-	2A A SCHMID PhD Prof Land Econ
0174)	1M H STEINMUELLER PhD Prof Resource Devlpmt
4KIRK LAWTON PhD Prof and Coord Indonesia Proj	3MANFRED THULLEN PhD Asst Prof Rural Devlpmt
Natural December 1	Baulan, Salanaa
Natural Resources 5365 ADMINISTRATION	Poultry Science 5370
	123H C ZINDEL EdD Prof and Chmn of Dept Avian Mgt
1H A TANNER PhD Prof and Dir Natural Resources and	(517-355-8415) 23R J AULERICH PhD Asst Prof Fur Anim
Asst Dir for Campus Water Plan, Inst of Water Res	12L R CHAMPION PhD Prof Avian Genet
Zool (517-353-3260)	-
EIGHEDICG AND WILDLICE	12TH COLEMAN PhD Prof Avian Genet and Mgt
FISHERIES AND WILDLIFE	5R B EWING BSA BS Biolog Illus
IN R KEVERN PhD Prof and Chmn of Dept Limnol	23C J FLEGAL PhD Asst Prof Avion Nutr 2S J HULKONEN Tech Genet
(517-355-4477)	5A M LUCAS PhD Prof Avian Anat
1R C BALL PhD Prof Limnol Ecol	12DONALD POLIN PhD Assoc Prof Avian Nutr
13R W GEORGE PhD Asst Prof ExtSpec Conserv 4-H Soil Conserv	12DONALD POLIN PID Assoc Prof Avian Nutr
	3C C SHEPPARD PhD Assoc Prof Avian Mgt
12L W GYSEL PhD Prof Ecol For	23J H WOLFORD PhD Asst Prof Avian Physiol
2H E JOHNSON PhD Assoc Prof Ecol Physiol	233 IT WOLL OND FIID ASSEPTOLAVIOLEPHYSION
1C D McNABB PhD Assoc Prof Limnol Ecol 1G W MOUSER PhD Assoc Prof Conserv Biol	Radio 5380
1G A PETRIDES PhD Prof and Zool Ecol Zool	1R K ARNOLD BS Farm Ed WKAR AM and WKAR FM
12H H PRINCE PhD Asst Prof Ecol	Radio-WMSB TV
1E W ROELOFS PhD Prof Ecol Biol	1R D ESTELL BA Mar WKAR AM and WKAR FM Radio
1M E STEPHENSON PhD Assoc Prof Environ Sci	IN DESTELLEDA MAJEMICATE ANI ANA MICATE ME MADA
12P I TACK PhD Prof Ichthyol Ecol	Sociology (Social Sci) 5410
12F I TACK FILE Flot lending of Leon	1W A FAUNCE PhD Prof and Chmn of Dept
FORESTRY	(517-355-6632)
12L M JAMES PhD Prof and Chmn of Dept For Econ	1B O ANDERSON PhD Prof Social Strata
(517-355-0093)	1J W ARTIS PhD Prof Organ Methodol
12E A BEHR PhD Prof Wood Sci	1Mrs SANDRA BALL-ROKEACH PhD Asst Prof Polit
3L E BELL MS Prof For Ext	Sociol
12J N BRIGHT BSF For Fred Russ For (PO Decatur)	12J A BEEGLE PhD Prof Pop Change
12D E CHAPPELLE PhD Assoc Prof Resource Econ	1W B BROOKOVER PhD Prof Educ Sociol
12M W DAY MS Asst Prof and Supt Dunbar For (PO Sault	1S F CAMILLERI PhD Prof Methodol
Ste Marie)	IT L CONNER PhD Assoc Prof Expt Sociol
12L W GYSEL PhD Prof For Wildlife	IW L EWENS PhD Asst Prof Social Psychol
12J W HANCVER PhD Assoc Prof Tree Physiol	1B M FINIFTER PhD Asst Prof Social Psychol
3H A HUBER PhD Ass∞ Prof For Ext	1W H FORM PhD Prof Indus
1R K HUDSON PhD Asst Prof Silvic	1D L GIBSON PhD Prof Res Methods
12J J KIELBASO PhD Asst Prof Arboricult	1J T GULLAHORN PhD Prof Methodol
13M R KOELLING PhD Assoc Prof For Ext	1Mrs RUTHS HAMILTON PhD Asst Prof Urban
12W A LEMMIEN MS For WK Kellogg For (PO	1C R HOFFER PhD Prof Community Devlpmt
Augusta)	1J CHCWELL PhD Prof Social Organ
12R SMANTHY PhD Assoc Prof For Econ	12H H KARP PhD Asst Pref Reol
12R J MARTY PhD Assoc Prof For Econ	1K D KELLY PhD Asst Prof Deviancy
12W L MYERS PhD Asst Prof For Blomet	1H E LEE PhD Asst Prof Res Methods
12V J RUDOLPH DF Prof For Mgt	12C P LOOMIS PhD Prof (Res) Social Theory
12GERHARDT SCHNEIDER PhD Assoc Prof For Ecol	12S G LOWRY PhD Prof and Assoc Chmn Community
3R E SKOG MF Assoc Prof For Ext (PO Marquette)	Organ 1P K MANNING PhD Assoc Prof Med Sociol
12W A SLIKER PhD Assoc Prof Wood Sci	1P M MARCUS PhD Assoc Prof Indus
12OTTO SUCHSLAND PhD Assoc Prof Wood Sci	1J B McKEE PhD Prof Polit Social
12D P WHITE PhD Prof For Soils and Hydrol	
1L FWILSON PhD Asst Prof For Entom 12J W WRIGHT PhD Prof For Genet	1J H McNAMARA PhD Assoc Prof Deviancy 12D E MORRISON PhD Assoc Prof Methodol
125 WWW.GRI FILD FIGURE Genet	1D W OLMSTED PhD Prof Social Psychol
PACKAGING	1HARRY PERLSTADI MA Asst Pro: Complex Organ
1J W GOFF PhD Prof and Dir Packaging	12R DRODEFELD PhD Asst Prof Pop Change
(517-353-6462)	1V J SALVO PhD Asst Prof Indus
12S G GUINS MS Assoc Prof Packaging	12CHRISTOPHER SOWER PhD Prof Organ Theory
1S P LIETZKE BS Instr Eldg Construction	1G D TROUT MA Asst Prof Urban Sociol
1W B LLCYD MS Prof Bldg Construction	1JOHN USEEM PhD Prof Cross-Cult Relat
1D L OLSSON PhD Asst Prof Packaging	1F B WAISANEN PhD Prof Social Psychol
12S R PIERCE MS Instr Packaging	
1H J RAPMAEL PhD Prof Packaging	Veterinary Medicine, College of 5430
1S F WOFLL MS Insti Bldg Construction and Packaging	1W WARMISTEAD DVM PhD Prof and Dean of Col
	(517-355-6509)
RESOURCE DEVELOPMENT	1J P NEWMAN DVM MPH Prof Microbiol and Public
1RALEIGH BARLOWE PhD Prof and Chmn of Dept	Health and Asst Dean of Col
(517-355-3415)	1C F REED DVM MS Prof and Assoc Dean of Col
12D E CHAPPELLE PhD Assoc Prof Regional Sci	
12MICHAEL CHUBB PhD Assoc Prof Park Admin	ANATOMY
23ECKHART DERSCH PhD Asst Prof Water Mgt	1BE WALKER MD PhD Prof and Chmn of Dept
3E F DICE EdD Asst Prof Area Devlpmt	(517-353-6382)
3R G HILL MS Prof Soil and Water Conserv	ID R ADAMS PhD Asst Prof Anat
12C R HUMPHRYS PhD Prof Water Resource Devlpmt	1M LOIS CALHOUN DVM PhD Prof Anat
13W J KIMBALL PhD Prof Area Devlpmt	IR E CARROW PhD Assoc Prof And
23L L LEIGHTY JD Asst Prof Land Use	1ROBERT ECHT PhD Asst Prof Andt
12RSMANTHY PhD Assoc Prof Nat Resource Econ	1AL FOLEY MD PhD Assoc Prof Anat

MICHIGAN 5430

Veterinary Medicine, College of-Continued

1L BGERCHMAN PhD Asst Prof Anat

1A W JACOBS PhD Asst Prof Anat

1T W JENKINS PhD Assoc Prof Anat

IW E JONES DVM PhD Asst Prof Anat 1J D MANGES DVM MPH Asst Prof Anat

IL R MONTGOMERY DVM Assoc Prof Anat

1A W STINSON DVM MS Assoc Prof Anat

1C H TABAN MD PhD Assoc Prof Anat

1J B THOMAS PhD Assoc Prof Anat

IMBA UZOUKWU PhD Asst Prof Anat

1C W WELSCH PhD Asst Prof Anat

LARGE ANIMAL SURGERY AND MEDICINE

1F H OBERST DVM MS Prof and Chmn of Dept (517-355-6450)

1G H CONNER DVM PhD Prof Large Anim Surgand Med

13D J ELLIS DVM MS Prof Large Anim Surg and Med 1K A GERTSEN DVM Instr Large Anim Surg and Med

1S M GETTY DVM Assoc Prof Large Anim Surg and Med

12BN GUPTA DVM Instr Large Anim Surgand Med

1R DKIRKLAND DVM Instr Large Anim Surg and Med

1C CMILLER DVM. Instr Large Anim Surg and Med

13T N MONFORT DVM Asst Prof Large Anim Surg and Med

1L RMONTGOMERY DVM. Assoc Prof Large Anim Surg and Med

13D A MORROW DVM PhD Assoc Prof Large Anim Surg and Med

13L E.NEWMAN DVM Instr Large Anim Surg and Med

13DP OLSON DVM Instr Large Anim Surg and Med

1W D OXENDER DVM Instr Large Anim Surg and Med

1W F RILEY DVM MS Prof Large Anim Surgand Med

MICROBIOLOGY AND PUBLIC HEALTH

12PHILIPP GERHARDT PhD Prof and Chmn of Dept Microbiol (517-355-6463)

1R C BELDING DVM PhD Assoc Prof Microbiol

1E S BENEKE PhD Prof Mycol

12D H BING PhD Asst Prof Immunol

12R F BRUBAKER PhD Asst Prof Bact

5B R BURMESTER PhD Prof Virol

1G R CARTER DVM DVSc Prof Microbiol

1T R CORNER PhD Asst Prof Bact

16R M CORWIN PhD Asst Prof Parasitol

12R N COSTILOW PhD Prof Microbiol

12H W COX PhD Assoc Prof Parasitol

12C H CUNNINGHAM DVM PhD Prof Virol

12I L DAHLJELMS MS Asst Prof Bact

1C WESCH PhD Asst Prof Parasitol 1R WHINZ PhD Assoc Prof Virol

1J J KOWALSKI DVM PhD Asst Prof Microbiol

IW N MACK PhD Prof Virol

12Mrs VIRGINIA H MALLMANN PhD Assoc Prof Bact

1N B McCULLOUGH PhD MD Microbiol and Med

1R J MOON PhD Asst Prof Bact

1F R PEABODY PhD Assoc Prof Bact

12MARVIS A RICHARDSON PhD Assoc Prof Bact

4H L SADOFF PhD Prof Bact

12C L SAN CLEMENTE PhD Prof Bact

1EVELYN SANDERS PhD Assoc Prof Bact
12D E SCHOENHARD PhD Prof and Asst Chmn of Dept Microbiol

12LOREN SNYDER PhD Asst Prof Microbiol

1J M TIEDJE PhD Asst Prof Microbiol
1D W TWOHY DSc Asst Prof Parasitol

1L FIVELICERI VM PhD Asst Prof Virol

1J F WILLIAMS PhD Asst Prof Parasitol

PATHOLOGY

100 MORPILL DVM PhD Prof and Chmn of Dept Histopath (517-355-6504)

1R A BROOKS MS Asst Prof Path Med Technol

1D F COWAN MD Asst Prof Anim Behavior Compar Path

1A W DADE DVM PhD Asst Prof Diag Vet Path 1G C JERSEY DVM MS Instr Vet Clin Path

1Mrs MARGARET JONES MD Asst Prof Human Path

1K K KEAHEY DVM PhD Prof Diag Vet Path

Veterinary Medicine, College of-Continued

1R F LANGHAM DVM PhD Prof Histopath Oncology

1A E LEWIS MD MA Prof Human Clin Path

1Mrs JOAN C MATTSON MD Asst Prof Human Path

1R L MICHEL DVM PhD Assoc Prof Vet Clin Path

1C H SANDER MD Assoc Prof Human Path Oncology

12V L SANGER DVM PhD Prof Vet Path
12S D SLEIGHT DVM PhD Prof Vet Path

1Mrs MARTHA T THOMAS BS Instr Path Med Technol

1A L TRAPP DVM PhD Prof Diag Vet Path

124G L WAXLER DVM PhD Prof Vet Path

12C K WHITEHAIR DVM PhD Prof Nutr Path
1D L WHITENACK DVM MS Instr Diag Vet Path

PHARMACOLOGY

1T M BRODY PhD Prof and Chmn of Dept (517-353-7147)

1J R CROUT MD Prof Pharmacol

1G L GEBBER PhD Assoc Prof Pharmacol

1J E GIBSON PhD Asst Prof Pharmacol 1J B HOOK PhD Asst Prof Pharmacol

1J H McNEILL PhD Asst Prof Pharmacol

1K E MOORE PhD Prof Pharmacol
1D A REINKE PhD Asst Prof Pharmacol

1THOMAS TOBIN DVM PhD Inst Pharmacol

PHYSIOLOGY

1F J HADDY MD PhD Prof and Chmn of Dept (517-355-6476)

IW D COLLINGS PhD Prof and Assoc Chmn of Dept

1THOMAS ADAMS PhD Prof

1R A BERNARD PhD Assoc Prof

1C C CHOU MD PhD Assoc Prof 1J M DABNEY PhD Prof

IR M DAUGHERTY Jr MD PhD Assoc Prof

1T E EMERSON Jr PhD Assoc Prof

1W L FRANTZ PhD Assoc Prof

12P O FROMM PhD Prof

1G J GREGA PhD Asst Prof 1S R HEISEY ScD Assoc Prof

1J R HOFFERT PhD Assoc Prof

1R F JOHNSTON DVM PhD Assoc Prof

12JOSEPH MEITES PhD Prof

1H W OVERBECK MD PhD Assoc Prof

12E P REINEKE PhD Prof 1G D RIEGLE PhD Ass∞ Prof

1J M SCHWINGHAMER PhD Asst Prof

1J B SCOTT Jr PhD Assoc Prof 1B H SELLECK PhD Asst Prof

12L F WOLTERINK PhD Prof

SMALL ANIMAL SURGERY AND MEDICINE

1WF KELLER DVM MS Prof and Chmn of Dept (517-355-6450)

1G L BLANCHARD DVM Instr Small Anim Surg and Med 1T D BRADEN DVM Instr (Resident) Small Anim Surg and Med

1WO BRINKER DVM MS Prof Small Anim Surg and Med ıCHERYL L CHRISMAN DVM Instr (Resident) Small

Anım Surg and Med $1\mbox{\tt J}$ B DALLEY DVM MS $\,$ Asst Prof Small Anim Surg and Med

1R M DIMON DVM Instr Small Anim Surg and Med

1A T EVANS DVM Instr Small Anim Surg and Med ${\tt 1G} \; {\sf E} \; {\sf FYSTER} \; {\sf DVM} \; {\sf MS} \; \; {\sf Asst} \; {\sf Prof} \; {\sf Small} \; {\sf Anim} \; {\sf Surg} \; {\sf and} \; \;$

Med 1GRETCH IN FLO DVM MS Instr Small Anim Surgand Med

1R W HINZ PhD Assoc Prof Small Anim Surg and Med

1D J KRAHWINKEL DVM Instr Small Anim Surg and Med

4J D KREHBIEL DVM MS Instr Small Anim Surg and Med 1RM McGCVNEY DVM Instr Small Anim Surg and Med 1U V MOSTOSKY DVM MS Assoc Prof Small Anim Sura

and Med 1CHRISTINE C RATKE DVM Instr Small Anim Surg and Med

1D C SAWYER DVM PhD Assoc Prof Small Anim Surg and Med

1R G SCHIRMER DVM MS Prof Small Anim Surg and Med

discellaneous 5440	Resource Planning and Conservation—Continued
1R C CHAPIN PhD Dir of Librs	1S D MARQUIS MS Ass∞ Prof Planning
3J TCOX MLA Assoc Prof Urban Plan and Landsc	1D N MICHAEL PhD Prof Planning and Public Policy
2G C LUEHRS MA Budget Asst (Expt Sta)	1P H RAY BA Lect Resource Planning and Conserv
	1GUNTER SCHRAMM PhU Ass∞ Prof Res Econ
Substations 5450	1W B STAPP PhD Assoc Prof Resource Planning and
Dunbar For Expt Sta (PO Sault Ste Marie)	Conserv
12M W DAY MS Asst Prof and Supt	1J A SWAN PhD Lect Resource Planning and Conserv
Graham Hort Expt Sta (2989 Lake Michigan Dr NW Grand	1S R TOCHER PhD S T Dana Prof Outdoor Recr
Rapids)	1R G TOZER BA Lect Natural Resources
2JOHN GILMORE Supt	
Hidden Lake Gardens (PO Tipton)	Wildlife and Fisheries 545
1F W FREEMAN MS Asst Prof and Curator	1J A KADLEC PhD Assoc Prof Wildlife Mgt and Chmn
ake City Expt Sta (PO Lake City)	Dept
2ROBERT DEBOER Foreman	1JE BARDACH PhD Prof Natural Resources
South Haven Hort Expt Sta (PO South Haven)	1A B COWAN PhD Assoc Prof Wildlife Mgt
2R L ANDERSEN Asst Prof and Supt	1F F HOOPER PhD Prof Wildlife Mgt and Fisheries
Jpper Peninsula Expt Sta (PO Chatham)	IG S HUNT PhD Assoc Prof Wildlife Mgt
23CHARLES LITTLE MS Asst Prof and Supvr	1K F LAGLER PhD Prof Fish
V K Keilogg Sta (PO Augusta)	1D R McCULLOUGH PhD Assoc Prof Wildlife Mgt
1H F WEBSTER MS Supt	1J T McFADDEN PhD Prof Wildlife and Fisheries
TIT THE STATE NAME OF THE STATE	IR L PATTERSON PhD Prof Natural Resources
School of Natural Resources, the University of	1J A VAN COEVERING AB Adj Prof Wildlife and Fish
Aichigan, Ann Arbor 48104 (313-764-1817)	13 A VAIN COLVENING AD Ad Prof whathe did I ish
1College Staff 9A-TR, M-S Program	
4 Leave of Absence	School of Forestry and Wood Products, Michigan
4 Leave of Absence	Technological University, Houghton 49931 (Main tel: 906-
5451	482-1600)
1R W FLEMING LLB Pres Univ (313-764-6270)	1College Staff 5Coop USDA 9A-TR, M-S Program
19.J T McFADDEN PhD Dean Natural Resources (313-	Teorrage Start \$600p GSDR \$A-111, M-S Frogram
764-2550)	545
18 H SPURR PhD Dean Grad School (313-764-4400)	
1E A WOODMAN MF Asst to Dean and Asst Prof Natural	IR L SMITH PhD Pres of Univ (906-487-2200)
	1D W STEBBINS PhD Vice Pres of Academic Affairs
Resources (313-764-1404)	(906-487-2440)
1W K PIERPONT PhD Vice Pres Bus and Finance (313-	1T P EVANS ME Dir of Res (906-487-2225)
764-7272)	1E A BOURDO Jr PhD Dean Sch of For and Wood
1A G NORMAN PhD Vice Pres Res (313-764-1185)	Prod (s) (906-487-2450)
Forestry 5452	E
'ATESTEV 545/	
•	Forestry 5457
1H L MORTON PhD Asst Prof For Path and Chmn Dept	159G A HESTERBERG PhD Prof For Path and Dept Head
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454)
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci	 159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and	 159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol	 159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Blometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 5458
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Blometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 5458 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464)
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Blometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 5458 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1G W FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch and Chmn of Dept 1W L CHAMBERS MLA Prof Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Blometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch and Chmn of Dept	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mqt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mqt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1GR GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1CE OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For Andscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mat 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1GR GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1CE OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Prof Landsc Arch 1C D JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mgt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mgt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Asst Prof For Path IC E OLSON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For candscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IL M HACKENBERG MLA Prof Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1GR GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1CE OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Prof Landsc Arch 1C D JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500)
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mqt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mqt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Asst Prof For Path IC E OLSON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For candscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IC D JOHNSON BSLA Prof Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation 546
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mqt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mqt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Asst Prof For Path IC E OLSON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For candscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IC D JOHNSON BSLA Prof Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mqt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mqt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Asst Prof For Path IC E OLSON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For candscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IW J JOHNSON BSLA Prof Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch IN SALLY SCHAUMAN BLA Lect Landsc Arch IS B PRESTON DF Prof Natural Resources and Chmn	159G A HESTERBERG PhD Prof For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236)
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mqt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mqt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Asst Prof For Path IC E OLSON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For candscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IK J POLAKOWSKI MLA Prof Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch IS B PRESTON DF Prof Natural Resources and Chmn Dept	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For candscape Architecture 1C W CARES MLA Prof Landsc Arch and Chmn of Dept 1W L CHAMBERS MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1C D JOHNSON BSLA Prof Landsc Arch 1C D JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1S B PRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For condscape Architecture 5453 1C W CARES MLA Prof Landsc Arch and Chmn of Dept 1W L CHAMBERS MLA Prof Landsc Arch 1L M HACKENBERG MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1W J JOHNSON MSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1K J POLAKOWSKI MLA Prof Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1S B PRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning 1J W BULKLEY PhD Asst Prof Resource Planning and	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic
IH L MORTON PhD Asst Prof For Path and Chmn Dept IB V BARNES PhD Prof For IJ R BASSETT PhD Assoc Prof For IW R BENTLEY PhD Assoc Prof Mqt Sci IG P BRUNEAU MWT Asst Prof Wood Sci and Technol IJOHN CAROW MF Prof For Mgt IB L DRIVER PhD Asst Prof Outdoor Recr Studies IGW FOWLER PhD Asst Prof Biometry IG R GREGORY PhD G W Pack Prof Resource Econ I4F B KNIGHT DF Prof For IH L MORTON PhD Assoc Prof Natural Resources IH K TOWNES PhD Prof Ent IROBERT ZAHNER PhD Prof For condscape Architecture IC W CARES MLA Prof Landsc Arch IH L DEARDORFF MLA Asst Prof Landsc Arch IL M HACKENBERG MLA Prof Landsc Arch IL M HACKENBERG MLA Lect Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IW J JOHNSON MLA Prof Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch IM SALLY SCHAUMAN BLA Lect Landsc Arch IS B PRESTON DF Prof Natural Resources and Chmn Dept IT E BORTON BA Lect Urban and Regional Planning IJ W BULKLEY PhD Asst Prof Resource Planning and Conserv	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mqt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For condscape Architecture 5453 1C W CARES MLA Prof Landsc Arch and Chmn of Dept 1W L CHAMBERS MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1W J JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1S B PRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning 1J W BULKLEY PhD Asst Prof Resource Planning and Conserv 1S A CAIN PhD C L Pack Prof Conserv	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE PAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt 1S G SHETRON PhD Asst Prof Soils
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mqt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mqt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1GR GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For Andscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Prof Landsc Arch 1W J JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1W J POLAKOWSKI MLA Prof Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SPRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning 1J W BULKLEY PhD Asst Prof Resource Planning and Conserv 1S A CAIN PhD C L Pack Prof Conserv 1S A CAIN PhD C L Pack Prof Conserv 14C F COOPER PhD Prof Natural Resource Ecol	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mqt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mgt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Asst Prof For Path 1C E OLSON PhD Prof Ent 1ROBERT ZAHNER PhD Prof For Andscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Prof Landsc Arch 1K J POLAKOWSKI MLA Prof Landsc Arch 1K SALLY SCHAUMAN BLA Lect Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1S B PRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning 1J W BULKLEY PhD Asst Prof Resource Planning and Conserv 1S A CAIN PhD C L Pack Prof Conserv 14C F COOPER PhD Prof Natural Resource Ecol 1L E CRAINE PhD Prof Resource Planning and Conserv	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt 1S G SHETRON PhD Asst Prof Soils
1H L MORTON PhD Asst Prof For Path and Chmn Dept 1B V BARNES PhD Prof For 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mqt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and Technol 1JOHN CAROW MF Prof For Mqt 1B L DRIVER PhD Asst Prof Outdoor Recr Studies 1GW FOWLER PhD Asst Prof Biometry 1GR GREGORY PhD GW Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1H L MORTON PhD Asst Prof For Path 1C E OLSON PhD Asst Prof For Path 1C E OLSON PhD Assoc Prof Natural Resources 1H K TOWNES PhD Prof Ent 1ROBERT ZAHNER PhD Prof For Andscape Architecture 1C W CARES MLA Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1H L DEARDORFF MLA Asst Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1L M HACKENBERG MLA Prof Landsc Arch 1W J JOHNSON BSLA Prof Landsc Arch 1W J JOHNSON MLA Prof Landsc Arch 1W J POLAKOWSKI MLA Prof Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SALLY SCHAUMAN BLA Lect Landsc Arch 1M SPRESTON DF Prof Natural Resources and Chmn Dept 1T E BORTON BA Lect Urban and Regional Planning 1J W BULKLEY PhD Asst Prof Resource Planning and Conserv 1S A CAIN PhD C L Pack Prof Conserv 1S A CAIN PhD C L Pack Prof Conserv 14C F COOPER PhD Prof Natural Resource Ecol	159G A HESTERBERG PhD Prot For Path and Dept Head (906-487-2454) 1C R CROWTHER MS Assoc Prof Silvic 1V W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils 1R K MILLER MS Asst Prof For Mgt 1LAWRENCE PAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol 1N F SLOAN PhD Assoc Prof For Ent 1H M STEINHILB MS Prof For Mgt 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tec 1W R WYND PhD Assoc Prof For Econ Wood Research 1HERFORD GARLAND PhD Prof and Dir (906-487- 2464) 1C W DANIELSON BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1TAUNO KILPELA BS Res Engr 1H S OLSON MS Assoc Prof Wood Res Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-487-2500) Substation Ford Forestry Center, L'Anse 49946 1R L ROGGE BS Mgr of Oper (906-524-7236) 1J A JOHNSON BS Asst Prof Silvic 1JAMES METEER MSF Asst Prof For Mgt 1S G SHETRON PhD Asst Prof Soils

MINNESOTA

Institute of Agriculture (College of Agriculture, College of Forestry, College of Home Economics; the Agricultural Experiment Station and the Agricultural Extension Service) and College of Biological Sciences and College of Veterinary Medicine of the University of Minnesota, St. Paul 55101 (Main tel 612-373-2851)

Conserv

1S W HAVLICK PhD Asst Prof Resource Planning and

1D F KIEL MA Lect Resource Planning 14J W LEONARD PhD Prof Natural Resources

MINNESOTA 5465-5520

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6International Program Staff 7Coop USDI 9A-TR, M-S Program

5465

123M C MOOS PhD Pres of Univ (PO Minneapolis) 123S O BERG PhD Dean of the Inst of Agr (612-373-0734)
123H J SLOAN PhD Assoc Dean of Inst of Agr and Actg

Dean of Col of Agr

123J L APP PhD Asst to Dean

129W F HUEG Jr PhD Dir of Sta (612-373-0751)

12A J LINCK PhD Asst Dir of Sta 12C L WILCOX PhD Asst Dir of Sta

3R H ABRAHAM PhD Dir of Agr Ext (612-373-1223)

12W T S THORP DVM MS Dean of Col of Vet Med (612-373-1134)

12R K ANDERSON DVM MPH Prof and Assoc Deam of Vet Med

12F H KAUFERT PhD Prof and Acta Dean of Col of For (612-373-0826)

1K N McFARLAND PhD Prof and Actg Dean of Col of Home Econ (612-373-0933)

4JOHN BLACKMORE PhD Prof and Dir Internatl Agr Prog (612-373-0747)

23C T JOHNSON BBA Asst Vice Pres and Treas of Sta (PO Minneapolis)

Agronomy and Plant Genetics

5470

12H W JOHNSON PhD Prof and Head of Dept (612-373-0866) 125R N ANDERSEN PhD Assoc Prof and Agron Weed Physiol

125D K BARNES PhD Assoc Prof and Genet Alfalfa Genet and Brdg

12RICHARD BEHRENS PhD Prof Weed Physiol 12CARL BORGESON MS Assoc Prof Seed Increases

12W A BRUN PhD Assoc Prof and Crop Physiol

12C R BURNHAM PhD Prof Cytogenet

12V B CARDWELL PhD Asst Prof and Crop Physiol

125V E COMSTOCK PhD Assoc Prof and Agron Flax Brdg and Genet

12L J ELLING PhD Prof Seed Prod

5J H FORD MS Agron Flax Brdg 125R E HEINER PhD Asst Prof and Genet Wheat Brdg and Genet

13D R HICKS PhD Asst Prof and Ext Spec

12A W HCVIN PhD Prof Forage Grass Brdg and Genet

12R A KLEESE PhD Assoc Prof Biochem and Physiol

12J W LAMBERT PhD Prof Soybean Brdg and Genet

125G C MARTEN PhD Assoc Prof and Agron Forage Util

13G R MILLER PhD Prof and Ext Spec

12D N MOSS PhD Prof and Crop Physiol

13E A OELKE PhD Asst Prof and Ext Spec

13H J OTTO PhD Prof and Ext Spec

2R H PETERSON BS Res Fellow Corn Brdg

12R L PHILLIPS PhD Asst Prof Cytogenet

12D E POLSON PhD Asst Prof Soybean Genet

12D C RASMUSSON PhD Prof Barley Brdg and Genet

12R G ROBINSON PhD Assoc Prof Crop Prod

12A R SCHMID PhD Assoc Prof Pasture Eval and Crop Prod

12J C SENTZ PhD Assoc Prof Corn Brdg and Genet 12L H SMITH PhD Prof Crop Physiol

130 E STRAND FhD Asst Prof and Ext Spec

12R E STUCKER PhD Asst Prof Corn Brdg and Genet

12D D STUTHMAN PhD Asst Prof Oat Brdg and Genet

Animal Science 5480

125R W TOUCHBERRY PhD Prof and Head (612-373-1488)

12C E ALLEN PhD Assoc Prof Meat Sci

3R L ARTHAUD PhD Prof Ext Swine Nutr and Mgt

23R W BERG PhD Prof and Ext Spec Poultry Genet

12W J BOYLAN PhD Assoc Prof Anim Brdg and Genet

12W H BURKE PhD Asst Prof Physiol

13C J CHRISTIANS PhD Assoc Prof Ext Anim Brdq

3B J CONLIN PhD Assoc Prof Ext Dairyman

12J D DONKER PhD Prof Ruminant Nutr
23R J EPLEY PhD Asst Prof and Ext Spec Meats

12R D GOODRICH PhD Assoc Prof Ruminant Nutr

Animal Science-Continued

12E F GRAHAM PhD Prof Physiol

12R S GRANT MS Prof Dairy Mgt

3M L HAMRE PhD Assoc Prof and Ext Spec Poultry Prod(s)

12L E HANSON PhD Prof Anim Nutr and Environ
23J C HAWTON PhD Asst Prof and Ext Swine Nutr

12A G HUNTER PhD Prof Physiol

3R E JACOBS MS Prof Ext Beef and Sheep Nutr and Mat

123R M JORDAN PhD Prof Ruminant Nutr and Mgt and Ext Horse Spec

2G D MARX PhD Assoc Prof Physiol

12R J MEADE PhD Prof Anim Nutr

12J C MEISKE PhD Prof Ruminant Nutr and Mgt

12G E MILLER PhD Asst Prof Physiol

2K P MILLER PhD Assoc Prof Anim Sci

3J W MUDGE PhD Assoc Prof Ext Dairyman

12J W NORDSTROM PhD Asst Prof Anim Nutr

12D E OTTERBY PhD Assoc Prof Ruminant Nutr

12R E PHILLIPS PhD Prof Physiol 2A H RAJAMANNAN PhD Res Assoc Physiol

12W E REMPEL PhD Prof Anim Brdg and Genet

2J W RUST PhD Assoc Prof Ruminant Nutr

127R N SHOFFNER PhD Prof Genet Coop USFI

12J D SMITH PhD Asst Prof Anim Nutr

12G M SPEERS PhD Asst Prof Poultry Nutr and Mgt

3G R STEUERNAGEL MS Instr Ext Dairyman and DHI Syst Spec

12P E WAIBEL PhD Prof Poultry Nutr

3R W WAYNE MS Prof Ext Dairyman

12J B WILLIAMS PhD Prof Anim Nutr and Mat

12C W YOUNG PhD Prof Dairy Cattle Brdg

Biochemistry (Col of Biol Sci)

5490

12L M HENDERSON PhD Prof and Head of Dept (612-373-.303)

12J S ANDERSON PhD Asst Prof Enzymes Cell Biol

12V A BLOOMFIELD PhD Assoc Prof Phys Biochem

12P J CHAPMAN PhD Asst Prof Bacterial Metabolism

12STANLEY DAGLEY DSc Prof Bacterial Metabolism 124J E GANDER PhD Prof Enzymol

12R L GLASS PhD Assoc Prof Cereal Chem
12H O HALVORSON PhD Prof Bacterial Biosynthesis

12ROBERT JENNESS PhD Prof Dairy Chem

12SAMUEL KIRKWOOD PhD Prof Enzymes Polysaccharide Structure

12DOLPH KLEIN PhD Asst Prof Microbiol

12I E LIENER PhD Prof Proteins Enzymes

12R E LOVRIEN PhD Assoc Prof Phys Biochem

12W O LUNDBERG PhD Prof Lipid Structure

12K GMANN PhD Asst Prof Proteins Enzymes 12HERMANN SCHLENK PhD Prof Lipid Metabolism

12M O SCHULTZE PhD Prof Anim Nutr Metabolism

12H R WARNER PhD Assoc Prof Nucleic Acids Viruses

Economics (Agr and Applied)

5520

12H R JENSEN PhD Prof and Actg Head of Dept (6:2-373-0945)

127M E ABEL PhD Prof Agr Devlpmt Pol.cy

170 A AL-ZAND PhD Res Ass∞ Agr Devlpint

13W E ANTHONY PhD Asst Prof Mktg

1230 U BLANK PhD Prof Recreation

13H M BJERKE BBA Assoc Prof Farm Mgt

124W K BRYANT PhD Prof Farm Income and Prices
15B M BUXTON PhD Asst Prof Prod Econ

123M K CHRISTIANSEN PhD Assoc Prof Agr Policy 12W W COCHRANE PhD Prof Devipmt and Policy

134C H CUYKENDALL PhD Asst Prof Farm Mgt

123D C DAHL PhD Prof Mktg and Law

12R P DAHL PhD Prof Agr Devlpmt

17T E DAVES PhD Res Assoc Agr Devlpm

17K W EASTER PhD Assoc Prof Resource Econ and Devlomt

13K E EGERTSON MS Asst Prof Livestock Mktg

127S A ENGENE PhD Prof Agr Devlpmt

127D F FIENUP PhD Prof Agr Devlpmt

12W L FISHEL PhD Asst Prof Prod Econ and Syst Anal

12H M GREGERSEN PhD Asst Prof For Econ and Devlpmt

12W E GRIFFITHS MS Asst Prof Prices and Mktg

Economics (Agr and Applied)—Continued	Entomology, Fisheries, and Wildlife 5550
127J W HAMMOND PhD Assoc Prof Agr Devlpmt	12A CHODSON PhD Prof and Head of Dept (612-373-
13P R HASBARGEN PhD Prof Farm Mgt	170I)
13R O HAWKINS MS Instr Farm Mgt	2I R ADELMAN PhD Res Fellow Fish Biol
123J D HELMBERGER PhD Prof Taxation and Credit	12J R BEER PhD Assoc Prof Mammalogy Small Mammal
1C G HILDRETH PhD Prof Econometrics	Pop
123J P HOUCK Jr PhD Prof Prices and Agr Trade	12MARION A BROOKS PhD Assoc Prof Ins Microbiol
13J S HOYT Jr PhD Prof Location Econ	12H C CHIANG PhD Prof Ins Ecol Field Crop Pests
12J M HUGHES PhD Prof For and Regional Econ	2P J CLAUSEN PhD Res Fellow Syst
12H M HWANG MS Assoc Sci Statis	12E F COOK PhD Prof Ins Syst
12J D HYSLOP PhD Asst Prof Agr Devlpmt	12L K CUTKOMP PhD Prof Toxicol
13R D KNEPPER MA Instr Location Econ	2B E CUTLER PhD Res Fellow Ins Physiol
123E F KOLLER PhD Prof Dairy Mktg and Coops	12L D FRENZEL Jr PhD Prof Wildlife Biol
130 M LUND Jr MS Res Fellow Location Econ	12BASIL FURGALA PhD Assoc Prof Apic
127W R MAKI PhD Prof Resource Econ	2G W GULLION MA Res Assoc Game Mgt Upland Game
12L R MARTIN PhD Prof Resource Econ and Agr Devlpmt	Birds
123T R NODLAND PhD Prof Farm Mgt	123P K HAREIN PhD Prof Ext Spec in Ent
12E W CWENS PhD Visiting Prof Community Devlpmt	2E G HEYERDAHL PhD Res Assoc Fisheries
13H C PEDERSON MS Prof Grain Mktg	12H M KULMAN PhD Assoc Prof For Ent
12E A PERSONS PhD Assoc Prof Farm Mgt	123J A LOFGREN MS Prof Ext Spec in Ent
12W L PETERSON PhD Assoc Prof Technological	12W H MARSHALL PhD Prof Wildlife Biol
Change	3D M NOETZEL MS Instr Ext Spec in Ent
17M J PURVIS PhD Assoc Prof Agr Devlpmt	2J M PEEK MS Res Fellow Wildlife Biol Big Game
12P M RAUP PhD Prof Resource Econ and Agr Res	12A G PETERSON PhD Prof Veg and Forage Crop Pests
15T L ROE PhD Asst Prof Mktg	12R D PRICE PhD Prof Syst Taxon of Bird Lice
13H G ROUTHE MS Prof Farm Mgt	12E B RADCLIFFE PhD Assoc Prof Plant Resistance
123V W RUTTAN PhD Prof Econ Devlpmt	Veg Ins
127MARY E RYAN MS Res Fellow Agr Trade	2G H R RAO PhD Res Fellow Stored Prod Ins
127M D SHANE PhD Asst Prof Capital Mkts	12A G RICHARDS PhD Prof Ins Physiol
123F J SMITH Jr PhD Prof Mktg	12L L SMITH Jr PhD Prof Fish Pop Dynamics
123R W SNYDER PhD Assoc Prof Land Use	12T F WATERS PhD Prof Stream Prod Fisheries Biol
1J A SPEICHER PhD Visiting Prof Prod Econ, Consum	2H H YAP PhD Res Fellow Toxicol
Econ and Mktg	
15J M STAM PhD Asst Prof Resource Econ	Extension (Agr) 5560
13K H THOMAS PhD Assoc Prof Farm Mgt	ADMINISTRATION
17H J VAN WERSCH PhD Res Assoc Agr Devlpmt	3R H ABRAHAM PhD Prof and Dir (612-373-1223)
137J J WAELTI PhD Assoc Prof Natural Resources	13H G ROUTHE MS Prof and Assoc Dir
123A D WALDO PhD Prof Public Affairs	13L A FREEH PhD Prof and Asst Dir and Head Off of
1A WEBER PhD Prof Consum Econ	Spec Prog
13E J WENESS Instr Farm Mgt	3F W FORBES MS Prof and Pers and Training
127D E WELSCH PhD Assoc Prof Agr Develpmt	3W H HANSON MS Prof and Asst Prog Ldr Agr Prod and
13Mrs CAROLE B YOHO MA Asst Prof Public Affairs	Technol
	13J H HOYT Jr PhD Prof and Prog Ldr for Spec Proj
Education (Agr) 5530	Devlpmt and Coord
1R P MARVIN PhD Prof and Chmn	13H C PEDERSON MS Prof and Prog Ldr Ext Mktg and
1G H COPA PhD Asst Prof	Util
1H W KITTS PhD Prof	134L J PICKREL MS Prof and State Ldr Spec Studies
IM B MCMILLION PhD Assoc Prof	13H B SWANSON PhD Prof and Prog Ldr Ext Inform and
1C D NORENBERG PhD Asst Prof	Educ Aids
1E A PERSONS PhD Ass∞ Prof	3R J FITZGERALD AB Instrand Admin Asst
1M J PETERSON PhD Prof	3D M NELSON PhD Asst Prof and Coord Ext Mgt Inform
16G I SWANSON PhD Prof	Systems
	13C D NORENBERG PhD Asst Prof and Prog Coord
Engineering (Agr) 5540	3G T SEMMLER BA Instrand Asst Ext Psychologist
12L L BOYD PhD Prof and Head of Dept (612-373-1305)	13P B STEGMEIR BS Instrand Prog Coord
12E R ALL RED MS Prof Soil and Water	
3D W BATES MS Prof Ext Agr Structures	COUNTY EXTENSION WORK
12W F BEAR PhD Prof Farm Mech	3EDWARD BECKER BS Assoc Prof and Dist Supvr
3F W BERGSRUD MS Asst Prof Ext Irrig	3P J BORICH MS Assoc Prof and Dist Supvr
3H A CLOUD PhD Ass∞ Prof Ext Mater Handling	3G T McCLEARY BS Prof and Dist Supvr
12A M. FLIKKE PhD Prof Environ and Proc	3H J NEWELL MA Prof and Dist Supvr
12J R GILLEY MS Instr Soil and Water	3G W SAKSA MA Ass∞ Prof and Dist Supvr
123P R GOODRICH PhD Asst Prof Waste Mgt	3D A WILSON MA Prof and Dist Supvr
25R O HEGG MS Instr Waste Mat	
12ANDREW HUSTRULID PhD Prof Elec Power and Proc	HOME ECONOMICS EXTENSION
12K A JORDAN PhD Prof Environ and Proc	3Mrs EVELYN P QUESENBERRY PhD Assoc Prof and
25W A JUNNILA MS Assoc Prof USDA Elec Power and	State Ldr Home Econ Ext
Proc	JARLEEN L BARKEIM MS Assoc Prof and Dist Supvr
12C L LARSON PhD Prof Soil and Water	34CAROLINE M FREDRICKSON MS Assoc Prof and Dis
25R E LARSON MS Assoc Prof USDA Agr Structures	Supvr
3R E MACHMEIER PhD Assoc Prof Ext Soil and Water	3MINERVA O JENSON MA Prof and Dist Supvr
12J L MCPHEARSON BS Instr Power and Mach	3W A MILBRATH MSW Assoc Prof and Coord Ext Nutr
12J A MOORE MS InstrWasteMgt	Prog
12J H POMROY MS Assoc Prof Agr Structures	3Mrs ROSELLA H QUALEY MS Prof and Dist Supvr
12JR ROSENAU PhD Asst Prof Food Engin	
3D M RYAN BS Prof Ext Agr Structures	4-H AND YOUTH DEVELOPMENT
12C E SCHFRTZ PhD Ass∞ Prof Power and Mach	3L L HARKNESS MPS Prof and State Ldr
12JOHN STRAIT MS Prof Power and Mach	3V J McAULIFFE MA Assoc Prof and Assoc State Ldr
12D R THOMES IN PhD Asst Prof Food Engin	3EVELYN D HARNE MS Assoc Prof and Assoc State
3J A TRUE MS Assoc Prof Ext Power and Mach	Ldr

MINNESOTA 5560-5585

Extension (Agr)-Continued

3E S BERGERUD MPA Assoc Prof and Asst State Ldr 3W E CARLSON MS Asst Prof and Asst State Ldr 3Mrs JUANITA J FEHLHAFER MA Instrand Asst State

3: Ars SUSANNE G FISHER MS Asst Prof and Asst State Ldr

3MARIAN O LARSON MS Assoc Prof and Asst State Ldr 3D E LINDSEY MS Asst Prof and Asst State Ldr 3S R MEINEN MEd Assoc Prof and Asst State Ldr 3D E PACE MS Instrand Asst State Ldr

3Mrs PHYLLIS K WORDEN Asst Ext Spec 4-H and Youth Devlomt

OTHER

Serv

13R M BROWN PhD Prof and Ext Training Spec 3B G CREWDSON MS Asst Prof and Ext Spec Resource Devlomt

13HULDAH W CURL AB Asst Prof and Arts Ext Coord 13W Y GORE MA Instrand Ext Training Spec 3L R SIMONSON BS Asst Prof and Ext Spec Tourist

5565 Food Science and Industries

12S T COULTER PhD Prof and Head of Dept (612-373-1070)

12P B ADDIS PhD Assoc Prof Meat Technol 12C E ALLEN PhD Assoc Prof Meat Technol

12W M BREENE PhD Asst Prof Fruits and Veg 12F F BUSTA PhD Assoc Prof Dairy and Food Microbiol

12P B MANNING PhD Asst Prof Food Anal

12L L McKAY PhD Asst Prof Food Microbiol 12C V MORR PhD Ass∞ Prof Pr∞ Chem

123H A MORRIS PhD Prof Dairy and Food Technol
2M A NIELSEN MS Res Fellow Dairy and Food Technol
3V S PACKARD Jr PhD Assoc Prof Dairy Prod Ext Spec 12G A REINECCIUS PhD Asst Prof Food Technol

12J R ROSENAU PhD Asst Prof Food Process Engin 12S R TATINI PhD Asst Prof Dairy and Food Microbiol

12E L THOMAS PhD Prof Dairy and Food Technol

12D R THOMPSON PhD Asst Prof Food Process Engin 3E A ZOTTOLA PhD Assoc Prof Ext Food Microbiol

Forestry, College of

12F H KAUFERT PhD Prof and Actg Dean of Col (612-373-0826)

2C E AHLGREN MS Res Assoc Fire Ecol Genet

12A A ALM MS Res Fellow Mgt

12E V BAKUZIS PhD Prof For Synecol

12 J L BOWYER MS Inst For Prod

12B A BROWN PhD Prof and Supt of Cloq For Res Center

12D R DARR MS Res Fellow Econ

12R W ERICKSON PhD Assoc Prof Wood Moisture Relat

12D J GERRARD PhD Asst Prof For Measurements and Statis

12R O GERTJEJANSEN PhD Assoc Prof Fiber Prods

12H M GREGERSEN PhD Asst Prof For Resource Econ

12D F GPIGAL PhD Asst Prof For Ecol

12A R HALLGREN PhD Assoc Prof Logging

12H L HANSEN PhD Prof Silvic

12C R HATCH MF Instr For Measurements
12J G HAYGREEN PhD Prof Mech Phys Properties Identification

3L T HENDRICKS PhD Asst Prof Ext For Prod

12R L HOSSFLED PhD Prof Wood Chem

12J M HUGHES PhD Prof For Resource Econ 12F D IRVING PhD Prof For Mgt

124H H JOHN PhD Prof For Measurements and Statis
12T B KNOPP MS Instr Outdoor Recreation Mgt

12VILIS KURMIS PhD Res Assoc Silvic

12R P LATHAM MF Res Fellow Aerial Photos 12A C MACE PhD Asst Prof For Hydrol

12L C MERRIAM Jr PhD Prof Outdoor Recreation Mgt

12M P MEYER PhD Prof For Measurements and Aerial Photos

3W R MILES MF Instr Ext Mgt

12C A MOHN PhD Asst Prof For Tree Genetics

12J R NEETZEL MF Res Assoc Wood Structures

12HAROLD SCHOLTEN PhD Asst Prof Farm For

Forestry, College of-Continued

12R A SKOK PhD Prof and Asst Dir For Econ and Policy

3M E SMITH BS Ass∞ Prof Ext Mgt

12P C SMITH MF Res Fellow Silvic

12E I SUCOFF PhD Prof For Tree Physiol

12J C TAPPEINER II PhD Asst Prof Silvic

12R D THOMPSON MS Assoc Prof Bldg Prod Merchandise

12J J ULLIMAN MS Instr Aerial Photos 12K E WINSNESS MF Prof and Asst to the Dir Stud Adv and Alumni Relat

12Z A ZASADA BS Res Assoc For Mgt

Home Economics, College of

5580

1K N McFARLAND PhD Prof and Actg Dean of Col (612-373-0933)

IROXANA R FORD PhD Assoc Dir and Prof of Col of Home Econ

1R A ABELL MFA Assoc Prof Relat Art

1Mrs MARIAN BAGLEY MAT Asst Prof Relat Art 3THELMA BAIERL MS Prof Ext Spec Cloth

1Mrs JUDITH D BENNETT MA Instr Fam Social Sci 1Mrs SIGNE T BETSINGER PhD Assoc Prof Relat Art

3GRACE BRILL MS Prof Ext Spec Nutr

1Mrs MARIE H CHRISTENSON MS Asst Prof Home Econ

1Mrs BARBARA B CONKLIN MA Instr Home Econ ISARAH A COX MS Asst Prof Text and Cloth

12SUZANNE DAVISON PhD Prof Text and Cloth 12Mrs MARGARET M DOYLE PhD Prof Nutr

1FLORENCE EHRENKRANZ PhD Prof and Chmn Household Equip

IANN MERICKSON MS Asst Prof Relat Art 1GERTRUDE ESTEROS EdD Prof and Chmn Relat

Art 1Mrs NATALIE S GALLAGHER MS Asst Prof Core 1JOAN GORDON PhD Prof F∞ds

12MARGARET P GRINDERENG PhD Prof and Actg Chmn Text and Cloth

1R N HEY PhD Prof and Chmn Fam Social Sci

1KATHLEEN M JEARY MA Asst Prof Fam Social Sci

3Mrs EDNA K JORDAHL MS Prof Ext Spec Home Mgt 3MARY FRANCES LAMISON MA Assoc Prof Ext Spec Home Mgt

1E D LARKIN MA Prof Relat Art

1Mrs BEVERLY B LUNDGREN BS Instrand Asst Ext Spec Home Econ

1Mrs FUDEKO T MARUYAMA PhD Assoc Prof Food 3SUSAN MEYERS MS Instr Ext Spec Fam Life

3VERNA A MIKESH MS Prof Ext Nutr

126LURA M MORSE PhD Prof Nutr

IJULIETTE I MYREN MS Assoc Prof Relat Art 1Mrs M VIRGINIA NAGLE BA Asst P.of Relat Art

1J C ORDOS MA Asst Prof Relat Art 3R L PITZER MS Instr Ext Spec Fam Life

12P C ROSENBLATT PhD Assoc Prof Fam Social Sci 3ATHELENE H SCHEID MA Prof Ext Spec Cloth

1R M SHANK MEA Asst Prof Relat Art 126R J SIRNY PhD Prof and Chmn Nutr

1Mrs HAZEL STOECKELER MA Assoc Prof Relat Art

1Mrs PATRICIA SWAN PhD Assoc Prof Nutr

1Mrs ESTHER Y TRAMMELL MS Acst Prof Food 1Mrs JUDITH TARAPCHAK MFA Asst Prof Relat Art

1Mrs GLORIA M WILLIAMS MA Instr Text and Cloth 3Mrs MYRA B ZABEL MA Prof Ext Spec Home Furn

HOME ECONOMICS ELUCATION

1EMMA B WHITEFORD EdD Chinn and Prof Home Econ Educ

1MARJORIE M BROWN EdD Prof Home Econ Educ 1BETTY A BURKLUND MS Instr Home Econ Educ 1Mrs HELEN T HENRIE MA Instr Home Econ Educ 1GWENDCLYN NEWKIRK EdD Assoc Prof Home Econ Educ

1Mrs SUE REITAN MA Instr Home Econ Educ ILOUISE STEDMAN PhD Prof Home Econ Educ 1Mrs ARDELL H WANTOCH MA Asst Prof Home Econ Educ

5590~5640 MINNESOTA

Horticultural Science	5590	Plant Pathology—Continued
12A A DUNCAN PhD Prof and Head of Dept and S	Supt of	12THOR KOMMEDAHL PhD Prof Cereal Dis Soil-borne
Hort Res Center (612-373-1026)		12D H MACDONALD PhD Assoc Prof Nematol
12P D ASCHER PhD Asst Prof Genet		15D V McVEY PhD Asst Prof and Res Plant Path Stem
12M L BRENNER PhD Asst Prof Fruit Physiol		Rust of Wheat
12D W DAVIS PhD Prof Veg Brdg		12R A MERONUCK MS Res Fellow Mycotoxins
12S L DESBOROUGH PhD Res Fellow Plant Hard Physiol	in es s	12C J MIROCHA PhD Assoc Prof Phys of Host Parasite
3M C EISEL BS Instr Ext Hort		Relat
23H C HARD PhD Assoc Prof and Ext Hort		12M B MOORE MS Assoc Prof Dis of Oats
3L B HERTZ PhD Assoc Prof and Ext Hort		5A P ROELFS MS Plant Path Stem Rust of Wheat Barberry
2A G JOHNSON MS Res Assoc Taxon and Ecol		15P G ROTHMAN PhD Asst Prof and Res Plant Path
23 ARVO KALLIO PhD Assoc Prof and Area Ext F	lort	Stem Rust of Oats
12J J KUSKA MLA Asst Prof Landsc Arch	1011	15J BROWELL PhD Prof and Res Plant Path Physiol of
12F I LAUER PhD Prof Potato Brdg		Stem Rust of Wheat
1P H LI PhD Asst Prof Hardiness Physiol		15AL SCHIPPER PhD Asst Prof and Plant Physiol of
3JANE McKINNON MS Instr Ext Hort		Parasitism
12ROBERT MULLIN PhD Assoc Prof Ornam Brdg		15DDSKILLINGPhD Asst Prof and Plant Path of Conifer
12SHIRLEY MUNSON MS Asst Prof Food Technol		Dis
12R E NYLUND PhD Prof Veg Physiol		13R J SLATTERY MS Instrand Asst Ext Plant Path
12H M PELLETT PhD Asst Prof and Asst Supt of		5E C STAKMAN PhD DSc Collab Emeritus Stem Rust
Hort Res Center		of Wheat
12R A PHILLIPS MS Asst Prof Landsc Ornam Brd	g	145D M STEWART PhD Assoc Prof and Res Plant Path
12P E READ PhD Asst Prof Veg Physiol		Physiol of Stem Rust of Wheat
12L C SNYDER PhD Prof and Dir Landsc Arborett 12E J STADELMANN PhD Assoc Prof Cell Physic	ım	13W C STIENSTRA PhD Asst Prof and Ext Plant Path
12CECIL STUSHNOFF PhD Assoc Prof Cell Physic	01	12R D WILCOXSON PhD Prof Dis of Forage and Cereal
30 C TURNQUIST PhD Prof Ext Hort		Crops
12C J WEISER PhD Prof Hardiness Physiol		Office of Secript Bernand (A.)
12D B WHITE PhD Prof Nursery and Turi Mgt		Office of Special Programs (Agr) 5620 13L A FREEH PhD Prof and Head of Off of Spec Prog
12R E WIDMER PhD Prof Flor		(612-373-0725)
12H F WILKINS PhD Assoc Prof Flor		13C D NORENBERG PhD Asst Prof and Prog Coord
		13R K SHOFFNER BS Admin Fellow II and Prog Coord
Information and Agricultural Journalism	5600	13P B STEGMEIR BS Instr and Prog Coord
123H B SWANSON PhD Prof and Head (612-373-071)	D)	
3A M BALMER BA Instrand Ext Inform Spec		Sociology (Rural) 5630
123N E ENGLE MA Asst Prof and Ext TV Coord		123G A DONOHUE PhD Prof Sociol
2C F FORMAN BA Instr and Sci Writer		12BERT ELLENBOGEN PhD Prof Social
123E E FREDERICKS MS Assoc Prof and Bul Ed		12DARIO MENANTEAU PhD Asst Prof Internatl Prog
23Mrs DIANE H GRAYDEN BA Ed Pubs		124JOEL NELSON PhD Assoc Prof Sociol
123M W HARRIS BS Instrand Ext Inform Spec TV		12LOWRY NELSON PhD Prof Emeritus Sociol
123V A KEEL BA Instrand Ext Inform Spec Press 23C A McDONALD BA Ed Pubs		123CLARICE OLIEN MA Asst Prof Sociol
123G R McKAY MS Prof and Ext Vis Aid Spec		13R L PITZER MA Instr Ext Fam Life
123M E MORRIS PhD Assoc Prof and Commun Econ	Spac	123C E RAMSEY PhD Prof Sociol 12R E RICKSON PhD Asst Prof Sociol
123Mrs JOSEPHINE B NELSON MA Prof and Ext Int	orm	12P J TICHENOR PhD Prof Journalism and Sociol
Spec Press and Radio	.OIII	Fig. 3 Mentinominal Flor Johnnansiii dha Sociol
13Mrs LEONA S NELSON MS Instrand Asst Ext Ir	nform	Soil Science 5640
Spec		12W P MARTIN PhD Prof and Head of Dept (612-373-
23MARY K OHEARN BA Instrand Ext Inform Spec		1063)
123J M SPERBECK MS Asst Prof and Ext Inform Spe	С	12R S ADAMS Jr PhD Assoc Prof Soil Biochem
123R S WOLF BS Assoc Prof and Ext Inform Spec Ro	adio	25R F ALLMARAS PhD Prof (SWC ARS USDA) Soil
23Mrs KATHLEEN K WOLTER BA Instrand Asst B	Bul Ed	Chem and Mgt
Diana Bashala		1P P ANTOINE PhD Asst Prof Soil Surv and Soil Chem
Plant Pathology	5610	12H F ARNEMAN PhD Prof Soil Surv and For Soils
123M F KERNKAMP PhD Prof and Head of Dept (61: 0852)	2-3/3-	12D G BAKER PhD Prof Microclimatol
15G W ANDERSON PhD Assoc Prof and Prin Plant	Dath	12G R BLAKE PhD Prof Soil Phys
of Aspen and Northern Hardwoods	rum	7P M BURSON MS Prof Emeritus 12A C CALDWELL PhD Prof Soil Chem and Fert
12N A ANDERSON PhD Prof Mycol and Genet of Pl	ant	25C E CLAPP Jr PhD Assoc Prof (SWC ARS USDA)
Pathogens		Soil Biochem
15R L ANDERSON PhD Prof and Prin Plant Path o	<u>{</u>	5R H DOWDY PhD Asst Prof (SWC ARS USDA) Soil
Conifer Dis		Phys Chem
12E E BANTTARI PhD Assoc Prof Virus Dis and D	is of	123R S FARNHAM PhD Prof Soil Surv and Organic Soils
Barley		5D A FARRELL PhD Res Assoc (SWC ARS USDA)
13H L BISSONNETTE PhD Prof and Ext Plant Path		Soil Mech
15W R BUSHNELL PhD Asst Prof and Plant Phys Bio	ol of	3W E FENSTER PhD Asst Prof Ext Soils Spec Soil Fert
Infection Stem Rust of Wheat		5H R FINNEY PhD Asst Prof (SCS) Soil Surv Correlat
12LUCAS CALPOUZOS PhD Assoc Prof Cereal Rus	sts	12R G GAST PhD Assoc Prot Phys Chem Soils
12C M CHRISTENSEN PhD Prof Mycol Microbiol De	:L	123JANIS GRAVA PhD Assoc Prof Soil Test and Fert
12C J EIDE PhD Prof Dis of Veg Crops		15D J GREENLAND PhD Lect (SWC ARS USDA) Soil Sci
12D W FRENCH PhD Prof For Path Mycol Det of Fo	nr.	12D F GRIGAL PhD Asst Prof For Soils Ecol
Prod		3C F HALSEY MS Asst Prof Ext Soil Spec Conserv
15F I FROSHEISER PhD Assoc Prof and Res Plant		Natural Resources
Path Dis of Forage Crops		12G E HAM PhD Asst Prof Soil Microbiol
12HELEN HART PhD Prof Emeritus Cereal Rusts		13L D HANSON PhD Assoc Prof Ext Soils Spec Interp
13H G JOHNSON PhD Prof and Ext Plant Path		Soil Surv and Phys Res Mgt
12B W KENNEDY PhD Assoc Prof Dis of Soybeans		25R F HOLT PhD Prof (Sta Dir SWC ARS USDA) Soil Sci
12TH KING PhD Prof Dis of Freezing and Canning C	rops	6E L KUEHNAST BS Res Fellow (USDC) Climatol

5640-5680 MINNESOTA

Sail Science-Continued

25W E LARSON PhD Prof (SWC ARS USDA) Soil Mech

12J M MacGREGOR PhD Prof Soil Chem and Fert

2BD McCASLIN MS Res Fellow Soil Fert

6H RMEREDITH PhD Res Assoc (TVA) Soil Fert

2R C MUNTER MS Res Fellow Soil Anal Chem

3C J CVERDAHL PhD Prof Ext Soils Spec Soil Fert

25J K RADKE PhD Asst Prof (SWC ARS USDA) Soil Phys

7C A ROST PhD Prof Emeritus

12R H RUST PhD Prof Soil Surv and Phys Chem Soils

12E L SCHMIDT PhD Prof Soil Microbiol

5F M OCILLEY MS Collab (SCS USDA) Soil Surv 13C A SIMKINS PhD Prof Ext Soils Spec Soil Fert

13J P SWAN PhD Assoc Prof Ext Soil Spec Soil Phys and Mat

25T J THIEL MS Res Fellow (SWC ARS USDA) Soil Phys

25C A VANDOREN PhD Prof (Br Chief SWC ARS USDA) Soil Sci

56.50 Veterinary Medicine

12W T S THORP DVM MS Prof and Dean of Col (612-373-

124R K ANDERSON DVM MPH Prof and Assoc Dean (612-373-1124)

12H | STOLDARD DVM DTVM | Prof and Dir of Internati Progs in Vet Med (612-373-1152)

12W | DEBOER PhD | Assoc Prof and Asst to the Dean (612-373-1150)

12A F WEBER DVM PhD Prof Elec Micro Head of Anat (612-373-0771)

12B S POMLRCY DVM PhD Prof Virol Head of Microbiol and Public Health (612-373-1117)

12J M HIGBEE DVM Prof Path Head of Diagnostic Labs (612-373-0774)

12D K SORENSEN DVM PnD Prof Virol Head of Med (612-373-0312)

12RAIMUNES ZEMJANIS DVM PhD Prof Obstet Head of Obstet and Gyn (612-373-0811)

12H J GHIFFTTHS DVM PhD Prof Parasitol Head of Path and Parasitol (612-373-0792)

12C M STOWE DVM PhD Prof Pharmacol Head of Physiol and Pharmacol (612-373-0817)

12J P ARNOLD D.VM PhD Prof Surg Head of Surg and Radiol (612-373-0810)

12D G LOW DVM PhD Prof and Head of Univ Vet Hosp (612-373-0807)

12J F ANDERSON DVM PhD Asst Prof Med

12D M BARNES DVM PhD Assoc Prof Diag Lab

1W J BEMRICK PhD Assoc Prof Parasitol 1R C BENSEN DVM Nonserv Fellow Anat

1J / BROADHURST DVM Vet Med Assoc Vet Hosp

1A F BURGESS DVM Res Assoc Internati Progs

1CAROLINE CZARNECKI DVM PhD Asst Prof Anat

1D R DESHMUKH BVS PnD Res Asscc Virol

1S L DIESCH DVM MPH Assoc Prof Microbiol 1H F DIETERICH DVM Asst Prof Surg

IS II DILLE DVM Res Assoc Internati Progs 2G I DUKE PhD Asst Prof Physiol

1S K DUTTA BVSc PhD Res Assoc Virol

12H : DZIUK DVM PhD Prof Physiol

1G A ECKHOFF DVM Nonserv Fellow Pharm

1J C ELLERY DVM Instr Surg
1M L FAHNING DVM PhD Assoc Prof Obstet
1R J FARNS WORTH DVM Instr Med

12T F FLETCHER DVM PhD Assoc Prof Neurol

1C CGIBSON JVM Instrand Ext Vet Anim Reprod Ext Serv and Obstet

12A L GOOD DVM PhD Prof Physiol 1GRACE W GRAY PhD Asst Prof Pharmacol

1R F HAMMER DVM Instr Anat

12P B HAMMOND DVM PhD Prof Toxicol

1GRISELDA F HANLON DVM MS Assoc Prof Radiol 3J O HANSON DVM Assoc Prof and Dir Cont Educ and

1S C HASKINS DVM Instr Surg

Proj Ldr Vet Ext

1F H HEATH DVM PhD Asst Prof Anat

1G C HEATH DVM Nonserv Fellow Physiol

1C L HENKE DVM Res Fellow Microbio!

Veterinary Medicine-Continued

1J D HILGREN DVM Nonserv Fellow Microbiol 1T J HUFFORD DVM Vet Med Assoc Vet Hosp

12EDWARD JANKUS DVM PhD Asst Prof Physiol

1C R JESSEN DVM PhD Asst Prof Surgand Radiol

1K H JOHNSON DVM PhD Assoc Prof Path

1LARUE JCHNSCN DVM PnD Assoc Prof Med

12P W JOHNSON DVM PhD Prof Med

1Mrs SALLLY E JORGENSEN PhD Asst Prof Physiol Chem

1M CKUVAR DVM PhD Res Assoc Microbiol 12H J KURTZ DVM PhD Assoc Prof Path

12C T LARSEN DVM Pes Fellow Microbiol

1Mrs ARLEEN J LARSON DVM Instr Anat

1V L LARSON DVM PhD Asst Prof Med

13J A LIBBY DVM MS Asst Prof and Ext Meat Hyg Med and Inst of Agr

12R K LINDORFER PhD Prof Microbiol 12K I LOKEN DVM PhD Assoc Prof Med

5D W LUCHSINGER DVM Epidem Microbiol

1S K MAHESWAREN DVM PhD Inst Microbiol

1W D MARTIN MS Instr Anat

12ERIKS MARTINSONS DVM Res Fellow Obstet 1G W MATHER DVM PhD Prof Med

1F H McCAULEY DVM Instr Med and Internati Progs

1R J McCLURE Jr DVM Vet Med Assoc Vet Hosp

1G E MILLER PhD Asst Prof Pharmacol

1V S MYERS DVM MS Assoc Prof Surg 1D P NEELY DVM. Vet Med Asst Inst Med

12G H NELSON DVM Assoc Prof Clinics

1P A CLSCN DVM Res Fellow Toxicol

1C A OSBORNE DVM PhD Asst Prof Med

1L G PAISLEY DVM Instr Obstet

12VICTOR PERMAN DVM PhD Prof Clin Path

1A C PETERSON DVM Nonserv Fellow Microbiol

1D L PIERMATTEI DVM PhD Prof Surgand Radiol

P T PURINTON DVM Nonserv Fellow Anat

1J F QUAST DVM Instr Path 1C S RHODES DVM Res Assoc Internati Progs

1R A ROBINSON DVM MS Instr Microbiol

1EBERHARD ROSIN DVM Inst Surg and Radiol 14J H SAUCTER DVM PhD Prof Path

1J C SCHLOTTHAUER DVM PhD Asst Prof Parasitol

14R H SCHULTZ DVM PhD Assoc Prof

1M L SEELY EVM Res Assoc Internati Progs

12R E SHOPE DVM PnD Assoc Prof Virol
12C C SHORT DVM PhD Assoc Prof Physiol Chem

5F E SIEGFRIED DVM Vet Livestock Insp

1C J SMITH DVM Res Fellow Microbiol

3R B SOLAC DVM Asst Prof Ext Vet 1F A SPURRELL DVM PhD Prof Radiol

14J BSTEVENS DVM PhD Asst Prof Path

1J P SULLIVAN DVM PhD Asst Prof Physiol

1E A USENIK DVM PhD Prof Surg

1J C VANDEN BERGE PhD Asst Prof Zool

1R E WERDIN DVM Instr Med
1R A WESCOTT DVM Clin Asst Prof Obstet
1C L WILLIAMS DVM Instr Microbiol and Internati Progs

1G C WRUCK DVM Nonserv Fellow Physiol

1B C YOHO DVM Nonserv Fellow Anat

Miscellaneous

12V J VITINS MS Asst Prof and Libr

2M A MITTENESS Farm and Grounds Supt

2P J TICHENGR PhD Prof Journalism

12E B STANFORD PhD Prof and Dir of Univ Librs

Branch Stations

Agricultural Expt 3ta (PO Rosemount)

2C L WILCCX PhD Prof and Supt North Central Expt Sta (PO Grand Rapids)

2WILLIAM MATALAMAKI PhD Prof and Supt

2W H CROMELL BS Instr For 2D L RABAS PhD Asst Prof Agron

2J W RUST PhD Assoc Prof Anim and Dairy Husb

2C D WEGNER BS Instr For

2D R WILDUNG PhD Asst Prof Hort Northwest Expt Sta (PO Crookston)

2B E YOUNGQUIST PhD Prof and Supt

2B C BERESFORD MS Asst Prof Hort

5660

5680

5680-5710

Branch Stations-Continued

- 2J LOFGREN PhD Asst Prof Agron
- 2G DMARX PhD Assoc Prof Dairy Husb
- 2E C MILLER MS Asst Prof Agr Engin
- 20 C SOINE PhD Prof Soils
- 2H F WINDELS PhD Asst Prof Anim Husb
- Southern Expt Sta (PO Waseca)
 - 2R H ANDERSON MS Assoc Prof and Supt Agron
 - 2R D FRAZIER PhD Asst Prof Soils
 - 2W E LUESCHEN PhD Asst Prof Agron
 - 2K P MILLER PhD Assoc Prof Anim Sci
- Southwest Expt Sta (PO Lamberton)
- 2W W NELSON PhD Prof and Supt Soils
- West Central Expt Sta (PO Morris)
 - 2R E SMITH MS Assoc Prof and Supt Econ
 - 2S D EVANS PhD Assoc Prof Soils
 - 2W H GRAY MS Asst Prof Hort
 - 2H E HANKE MS Asst Prof Anim Husb
 - 2D G JOHNSON MS Instr Dairy Husb
 - 2L K LINDOR MS Asst Prof Agr Engin
 - 2D D WARNES PhD Asst Prof Agron

MISSISSIPPI

The College of Agriculture, the School of Forest Resources, the Agricultural Experiment Station, the Agricultural Extension Service, and the Forest Products Utilization Laboratory of Mississippi State University of Applied Arts and Sciences, State College 39762 (Tel 601 Starkville 325-21101

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Forest Products Utilization Laboratory 9A-TR, M-S Program

5690

- 1W L GILES PhD Pres
- 1T K MARTIN PhD Vice Pres
- 1J K BETTERSWORTH PhD Academic Vice Pres (Tel 601 Starkville 325-3742)
- 123L N WISE PhD Vice Pres for For and Agr
 - 1.J C McKEE Jr PhD Vice Pres for Res and Dean of Grad Sch
- 123L F MALLORY BS Vice Pres for Bus Affairs
- 129R T CLAPP MF Deam of Sch of For Resources
 - 2J H ANDERSON PhD Dir of Sta (Tel 601 Starkville 325-5455)
 - 3W M BOST MS Dir of Ext (Tel 601 Starkville 325-4436)
 - 2W K PORTER Jr PhD Asst Dir of Sta
 - 2A D SEALE Jr PhD Asst Dir of Sta
 - 3R C SIMMONS MPA Assoc Dir of Ext
 - 3J R CARPENTER MS Asst Dir of $\exists xt$
 - 1C E LINDLEY PhD Deam of Col of Agr (Tel 601 Starkville 325-2110)
 - 2G J THOMAS MS Acct for Sta
 - 3K H MARTIN MS Ext Acct

5700

- 12C D HOOVER PhD Prof and Head of Dept Fert and Mat
- $3\mbox{K}$ L ANDERSON MAgr. Ldr Ext Spec Agron Fert and Soils
- 12C H ANDREWS PhD Assoc Prof and Assoc Agron Seed Res and Training
- 12J A ANDRIES MS Asst Prof and Asst Agron Field Crops Cotton
- 3C C BASKIN PhD Ext Spec Agron Grain Crops and Seeds
- 2J M BECK BA Engin Tech Seeds
- 25H W BENNETT PhD Agron Crop Brdg and Grasses
- 12G L BIEBER PhD Asst Prof and Asst Agron Roadside
- 12A H BOYD Jr MS Asst Prof and Asst Agron Seeds 5F V BRENT Jr BS Soil Sci SCS Soil Genesis Classif and Mapping
- 12H DBUNCH PhD Prof and Agron and Dir Internatl Prog Agr and For

Agronomy-Continued

- 12B L BURSON PhD Asst Prof and Asst Agron Cytogenet Forage Crops
- 12J C DELOUCHE PhD Prof and Agron and Dir of State Seed Lab in Chg Seed Tech Lab Seeds State Seed Anal
- 12G M DOUGHERTY MS Asst Prof and Assoc Agron Seeds
- 12A G DOUGLAS PhD Prof and Agron Field Crops Cotton
- 12W J DRAPALA PhD Prof and Agron and Head Dept of Expt Statis
- 3L E GHOLSTON MS Spec Ldr Soil Testing Dept Fert and Mat
- 12R C GLENN PhD Prot and Agron Soil Genesis Classif and Mapping
- 12B R GREGG PhD Assoc Prof and Assoc Agron AID India Seeds
- 5J D HESKETH PhD Adjunct Prof Soil Sci and Res Invest
- 3D W HOUSTON MS Ext Spec Agron Field Crops and Cotton
- 12R D JENSEN PhD Asst Prof and Asst Agron Soil Mech and Engin Soil Moisture
- 2W F JONES MS Asst Agron Fert and Mgt
- 3C W JORDAN MS Ext Spec Agron Field Crops Soybeans and Oil Seed Crops
- 2W E KEENAN BS Soil Surv Soil Genesis Classif and Mapping
- 5W E KNIGHT PhD Adjunct Prof and Res Agron Crop Brdg and Crimson Clover
- 12J D LANCASTER PhD Prof and Agron Soil Chem Nitrogen and Micronutr
- 2A G LAW MS Seed Mkt Spec AID India Seeds
- 5J R McCLUSKEY BS Agric Res Tech Crop Brdg
- 2E L McWHIRTER MAgr Asst Agron Crop Turfgrasses
- 12N C MERWINE PhD Prof and Agron Crop Mgt and Crop Svst
- **3G** P MULLENDORE MS Ext Spec Agron Cotton and Rice
- 2B C MURPHY MS Asst Agron Soil Fert Soybeans
- 5D L MYHRE PhD Adjunct Prof Soil Sci and Res Invest
- 12V E NASH PhD Prof and Agron Soil Mineral
- 12L E NELSON PhD Prof and Agron Fert and Mgt 2L R NELSON MS Asst Agron Crop Brdg and Corn
- 3H D PALMERTREE MS Ext Spec Agron Forage Pasture and Turf
- **2**A L PLANT PhD Agron AID Guatemala
- 12R H PLUENNEKE PhD Asst Prof and Asst Agron Crop Physiol Soybeans
- 12H C POTTS PhD Assoc Prof and Assoc Agron Seeds
- 5J O SANFORD MS Soil Sci Fert and Mat
- **5**G E SCOTT PhD Adjunct Prof and Res Agron Crop Brdg and Corn
- 2D A SOULEYRETTE MS Asst Agron AID Brazil
- 12B J STOJANOVIC PhD and Dir of Agr Prof and Agron Soil Microbiol
- 12H B VANDERFORD PhD Prof and Agron Soil Genesis Classif and Mapping
- 12C E VAUGHAN PhD Asst Prof and Asst Agron Seeds
- 12C Y WARD PhD Prof and Agron Pasture and Forage Crops and Turfgrasses
- 12V H WATSON PhD Asst Prof and Asst Agron Pasture and Forage Crops
- 2T E WEBB BS Seed Prod Spec AID India
- 2P B YOUNG MS Seed Prod Spec AID India Seeds

5710

Animal Science

- 12S H FOWLER PhD Prof and Heart of Dept 12BRYAN BAKER Jr PhD Prof Swine and Sheep
- 12L H BOYD PhD Assoc Prof Sheep
- 3R O BUCKLEY MS Assoc Ext Anim Husb Sheep
- 12C E CANTRELL MS Instr Farm Mgt
- 3J C COLLINS PhD Ldr of Ext Anim Husb
- 12B G DIGGS PhD Prof Swine
- 12H W ESSIG PhD Prof Beef Cattle and Sheep 12FAY HAGAN PhD Asst Prof Anim Brdg and Genet
- 3W L RICHMOND BS Assoc Ext Anim Husb Swine
- 12R W ROGERS PhD Assoc Prof Meats 12C B SHAWVER MS Asst Prof Meats

96

MISSISSIPPI 5710-5770

Animal Science—Continued	m · · · · · · · · · · · · · · · · · · ·
12L J SMITHSON PhD Asst Prof Prod	Engineering (Agr and Biol) 5750
	12W R FOX PhD Prof and Head of Dept
3W M SWOOPE MS Assoc Ext Anim Husb Beef Cattle	12J B ALLEN PhD Asst Prof Soil and Water
Performance Test	12W H BROWN PhD Asst Prof Anim Environ
3D H TUCKER MS Asst Ext Anim Husb	3C P BRYSON BS Asst Ext Agr Engin Cotton Mech and
	Ginning 4-H
Biochemistry 5715	12J W BUTLER BS Res Asst Proc
12B F BARRENTINE PhD Head of Dept	25E P COLUMBUS BS Res Asst Air Pollution
2K P BAETCKE PhD Assoc Biochem	25R F COLWICK MS Prof Power and Mach
2J D CAIN MS Asst Chem	12L E COOK BS Res Tech Power and Mach
2D R CLARK BS Res Asst	12F E EDWARDS MS Prof Power and Mach
2M E CRITZ Res Asst	25J A FRIESEN MS Res Assoc Proc
2JANE J DOLLAR BS Res Asst	25J G GRIFFIN MS Assoc Prof Structures and Environ
2J F HATHCOCK Res Asst	25J W JONES MS Res Asst Power and Mach
2M V KENNEDY PhD Assoc Biochem	12E A KIMBROUGH MS Assoc Prof Soil and Water
2W E POE MS Asst Chem	
12R P WILSON PhD Asst Biochem	12R K MATTHES PhD Assoc Prof Power and Mach
	12J C McWHORTER MS Prof Soil and Water
) P. C.	12G E MILES BS Res Asst Power and Mach
Dairy Science 5720	3D L MILLER BS Assoc Ext Agr Engin Mater Handling
12H J BEARDEN PhD Prof and Head of Dept	3K R RAY Ext Agr Engin Housing and Arch
12 J T CARDWELL PhD Prof Chem	25F N REECE MS Assoc Prof Structures and Environ
3L M CARPENTER MS Asst Ext Dairyman	12F L SHUMAN PhD Assoc Prof Power and Mach
3 G B CRAIN BS Ldr Ext Dairying	25D B SMITH MS Res Assoc Power and Mach
12K R CUMMINGS PhD Assoc Prof Nutr	12E D THREADGILLPhD Asst Prof Plant and Environ
12E W CUSTER MS Prof Micros	12C D VEAL PhD Asst Prof Mach and Proc
12J W FUQUAY PhD Asst Prof Physiol	12G B WELCH PhD Prof Agr Structures
12J W L USK PhD Assoc Prof Nutr	25R E WESLEY MS Res Asst
12W H McGEE MS Assoc Prof Mgt	12R E WILLIAMSON MS Res Assoc Power and Mach
12T J OUSLEY MS Asst Prof Micros	147 E WILLIAMOUN IND THE ASSOC POWER OND MOCH
12D S RAMSEY PhD Prof Physiol	Entemology 5760
3G T TAYLOR BS Assoc Ext Dairyman	12F G MAXWELL PhD Prof and Head of Dept
12L C TRUE PhD Asst Prof Chem	3A G BENNETT MS Ldr Ext Ent
	12T S BROOK PhD Assoc Prof
Economics (Agr) 5730	12H W CHAMBERS PhD Asst Prof
12DW PARVIN PhD Prof and Head of Dept	3 J H COCHRAN MS Ext Ent
3T F BUFKIN MS Asst Econ Ext Mktg Field Crops	12R L COMBS PhD Assoc Prof
5J C CRECINK PhD Prof Farm Mgt and Land Econ	12J L FRAZIER PhD Asst Prof
2W C CURTIS MS Res Asst Resource Devlomt	12H B GREEN PhD Assoc Prof
12J G DILLARD MS Asst Prof Form Mgt	12F A HARRIS PhD Asst Prof
2T H FOSTER MS Res Asst Resource Devipmt	12L W HEPNER PhD Prof Ent
12 J G HAMILL PhD Assoc Prof Form Mgt and Coop	12W W NEEL PhD Assoc Prof
The state of the s	
2M R HOLMES MS Res Asst Resource Devlpmt	12B R NORMENT PhD Asst Prof
12V G HURT PhD Prof Dairy Mktg and Prod Econ	12H N PITRE PhD Assoc Prof
2L E JOHNSON MS Res Asst Livestock Mktg	2C F SARTOR MS Res Asst
3R B JOHNSTON EdD Ldr Ext Agr Econ	12P P SIKOROWSKI PhD Asst Prof
3C H MANASCO MS Ldr Ext Mktg	1C A WILSON MS Prof Ent
3A L McLAUGHLIN MS Asst Econ Ext Farm Mgt	3D F YOUNG PhD Ext Ent
3L L MONROE MS Asst Econ Ext Livestock Mktg	
12G E MURRA PhD Assoc Prof Livestock Mktg	Extension Administration 5770
12T D PHILLIPS PhD Prof Grain	3W M BOST MS Dir
3A T PULLIN MS Asst Econ Ext Veg and Fruit Mktg	3C R AIKEN PhD Ext Res and Training Off
3ANN O RUSHING BS Asst Econ Ext Consum Inform	3W E AMMONS BS Spec Staff Asst
3JOHNNIE SARTOR MS Assoc Ext Farm Mgt	3B E BERRY MS Dist Prog Ldr
12J H SIMPSON Jr MS Assoc Prof Form Mgt	
	3G L BERRY MS Dist Agt
3D L TRAMMELL MS Asst Econ Ext Dairy Mktg	3MAMIE J BROCK MS Dist Ldr Home Econ Prog
2VERONICA A VITELLI MS Res Asst Resource	3W D BRYANT MBA Ext Acet
Devlpmt	3J R CARPENTER MS Asst Dir
12J E WALDROP Jr PhD Assoc Prof Resource Devlpmt	3J A CARTER BS Asst Ext Acct
2L D WELCH MS Asst Econ Statis	3JOYCE A CLEVELAND MS Dist Ldr Home Econ Prod
12C M WELLS Jr PhD Prof Cotton Mktg and Policy	3W A COX BS Chief Clk
3R L WILLIAMS MS Asst Econ Form Mgt	3CBDUKE JrMS Dist Agt
3J C WILSON MS Asst Econ Ext Mkt Anal	3M W EDWARDS MS Dist Agt
3J L YONGE MS Asst Econ Ext Farm Mgt	3Mrs WILLIE FFELDER MS State Ldr Home Econ Prog
3MACK YOUNG MS Asst Econ Ext Mktg	3T M GRUBBS MS Dist Agt
	3J P JOHNSON MS Dist Prog Ldr
Editorial 5735	3W W LINDER MS Spec Proj Coord
2G C RUTLEDGE BA Sta Ed	3L C MASON MS Dist Prog Ldr
3J R CARTER BS Inform Spec	3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ
3D B ROSENKRANS MEd Ldr of Ext Inform	Prog
3C W SAPPINGTON MS Inform Spec	3R C SIMMONS MPA Assoc Dir
3G H TAYLOR Jr Graphic Artist	
	3KATHERINE SIMPSON MS Dist Ldr Home Econ Prog
3Mrs EDNA K WILKERSON BS Inform Spec	3W V WELLS MS Dist Prog Ldr
3T L WILKERSON BS Inform Spec	A IX OF THE PROPER
E1	4-H CLUB WORK
Education 5740	3C W SAPPINGTON MS State 4-H Club Ldr
10 L SNOWDEN PhD Prof and Head of Dept	3J F FULLER BS Asst State 4-H Club Ldr
1J R HAMILTON EdD Prof Agr Educ	3IDA M HODGES BSE Asst State 4-H Club Ldr
IJSLEE EdD Asst Prof of Agr Educ	3J W JAMES MS Assoc State 4-H Club Ldr
IJF SHILL PhD Assoc Prof Agr Educ	3OLLIE D McWHIRTER MA Assoc State 4-H Club Ldr
1G M WALKER MAgr Assoc Prof Agr Educ	3M A ROWZEE MS Assoc State 4-H Club Ldr

MISSISSIPPI 5770-5860

Plant Pathology and Weed Science
12W W HARE PhD Prof Veg Dis and Head of Dept 5820 Extension Administration-Continued COMMUNITY DEVELOPMENT 12D C BAIN PhD Prof Field Crops Dis 3T H LOFTIN MS Actg Ldr 12A W COLE PhD Assoc Prof Weed Sci 3ALBERTA DISHMON BA Asst in Commun Devlpmt 125M C FUTRELL PhD Adjunct Prof Field Crops Dis 12C H GRAVES Jr PhD Prof Fruit Dis 3T M MOMAN Jr MS Assoc in Commun Devlpmt 3Mrs LILLIAN O PALMER BS Asst in Commun Devlpmt 25V C HARRIS MS Collab Weed Sci 3W F MOORE MS Ext Plant Path 12G K PARRIS PhD Prof For Dis 5780 Forestry (Sch of For Resources) 125E E ROSENKRANZ PhD Adjunct Assoc Prof Corn Dis 12R R FOIL DFor Prof and Head of Dept 12J A SPENCER PhD Assoc Prof Ornam Dis 15F T BONNER DFor Adjunct Asst Prof For 125A B WILES PhD Adjunct Prof Cotton Dis 12R T CLAPP MF Prof and Dean Sch of For Resources
15M J DIXON BS Adjunct Asst Prof For
12W W ELAM PhD Assoc Prof For 5830 **Poultry Science** 12W F MILLER Jr MF Assoc Prof For 12J E HILL MS Prof and Head of Dept 12JE MOAK PhD Prof For 12E L PRINE BS For Ranger 2R D BUSHONG MS Res Asst Nutr 12E J DAY PhD Prof Nutr 12E G ROBERTS PhD Prof For 3R R ROBERTSON MF Assoc Ext For 5J W DEATON PhD Dir So Central Environ Lab and Res Poultry Husb 12R D ROSS PhD Asst Prof For 12J W STARR MF Prof For 12B C DILWORTH PhD Assoc Prof Nutr 12L J DREESEN MS Assoc Prof Genet 12G L SWITZER PhD Prof For 12A J FARR PhD Asst Prof Poultry Technol 3J S THERRELL MS Ldr of Ext For 3E W GARRISON MS Assoc Poultryman 12BRUCE GLICK PhD Prof Physiol 2R L HAYNES MS Res Asst Physiol 5790 Home Economics 2GOPAL KRISHNA MS Res Asst Nutr 12Mrs LOIS T KILGORE PhD Prof Foods and Nutr and 5L F KUBENA PhD Res Assoc Nutr Actg Head of Dept 2Mrs MAHMOODA KULKARNI MS Res Asst Physiol 12Mrs HELEN K ARMSTRONG PhD Assoc Prof Fam Econ 2PRAKASH KULKARNI PhD Res Asst Physiol and Home Mgt 2K S LANDRETH BS Res Asst Physiol 3Mrs JULIA H BARNES MS Ext Home Mgt Spec **5**B D LOTT BS Agr Res Tech 1Mrs CATHERINE R BOYD MS Asst Prof Cloth 5J D MAY PhD Res Assoc Physiol 1Mrs MARILYN G CUMMINGS MS Asst Prof Housing 2D S V RAO MS Res Asst Physiol 5F N REESE MS Res Assoc Anim Environ Home Furn and Text 3MARGUERITE O DAVIS MS Ext Spec Cloth
3Mrs WILLIE F FELDER MS State Ldr Home Econ Prog 2C D SCHULTZ MS Res Asst Nutr 5W J TARVER MS Res Asst Chem 12C H THOMAS PhD Prof Genet 3FRANCES FORTENBERRY MS Ext Spec Housing and Equip 5T H VARDAMAN DVM Res Assoc Bact 3SARAH F FOUNTAIN MS Ext Spec Home Furn 3PAUL YOUNT BS Leader of Ext Poultry Husb 12Mrs MARY F FUTRELL PhD Ass∞ Prof Foods and 1MINNIE E GADDIS MA Asst Frof Social Usage 5840 Sociology and Reral Life (Sch of Arts and Sci) 12PHOEBE T HARRIS PhD Prof Fam Econ and Home 123C R SOLLIE PhD Assoc Social and Actg Head of Dept Mat 1Mrs MARTHA J ALDRIDGE MA Instr 3Mrs INA G KIMBROUGH MS Ext Spec Foods and Nutr 1A W BAIRD MS Asst Prof and Asst Social 3ANNIE J McGINTY MS Ext Fam Life Spec 12Mrs ELLEN S BRYANT MA Instrand Asst Social 3SUSIE E OVERSTREET MSPH Ext Spec Health Educ 1Mrs ELAINE COOPER MSW Assoc Prof 3MARILYNN PURDIE MS Ext Spec Foods and Nutr 2Mrs MARIAN D RAUCH MS Asst Prof Cloth and Child 1EDNA R DAVIS MA Assoc Prof 14D W HARPER Jr PhD Asst Prof Devipmt 12H F KAUFMAN PhD Prof and Social 2BETSY STARK BA Res Asst 1Mrs PAMELA B LANDERS MA Instr 12Mrs ZONA D TAYLOR MS Asst Prof Housing and Equip 12Mrs KYRA R WATSON MS Asst Prof Foods and Nutr 1450 E LEONARD PhD Adjunct Prof and Social 1M T LOFTIN PhD Prof and Social 2Mrs FPANCES B WINDHAM BS Res Asst IR A MARSHALL MA Asst Prof 1JOHN PETERSEN MEd Asst Prof 1Mrs GRACE S POMEROY MA Instr 58.00 **Horticulture** 1C H PYNE MA Asst Prof 12C C SINGLETARY PhD Prof Hort and Head of Dept 12Mrs ELISABETH J STOJANOVIC MA Instr and Asst 12G R AMMERMAN PhD Prof Food Technol Social 12C O BOX PhD Prof Ornam 1MARGARET SWAIN MSW Asst Prof 1R A CALLAWAY BS Instr Mgt
12B T CHAPIN MSLA Prof and Coord Landsc Arch 1E R THOMAS MSW Assoc Prof 12K P WILKINSON PhD Assoc Prof and Dir Social Sci 3J T GARRETT MS Ext Ldr Hort (Veg) Res Center 3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops 1E C MARTIN Jr MLA Assoc Prof Landsc Arch 5850 12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor Veterinary Science 12D R FARNELL DVM PhD Head of Dept 12W M BRYAN DVM and PhD Assoc Bact 12J P OVERCASH PhD Prof Pomol 2J N LOVE MS Asst Bact 12H F McCRORY DVM Vet 12F D RAUCH PhD Asst Prof Ornam 2Mrs ELEANOR G McEWEN BS Asst Bact 5810 Marketing 3C H MANASCO MS Ldr Ext Mktg Wildlife and Fisheries (Sch of For Resources) 5860 3T S BUFKIN MS Assoc Ext Mktg Spec 3L L MONROE MS Assoc Ext Mktg Spec

12D H ARNER PhD Prof and Head of Dept

2T L WELLBORN Jr PhD Assoc Prof

2J L BAKER MS Asst Biol 1G A HURST PhD Assoc Prof

12W J LORIO PhD Asst Prof

3A T PULLIN MS Asst Ext Mktg Spec 3Mrs ANN O RUSHING BS Asst Ext Mktg Spec

3J C WILSON MS Asst Ext Mktg Spec

3D L TRAMMELL PhD Assoc Ext Mktg Spec

MISSISSIPPI 5870-5900

Wood Science and Technology (Sch of For Resources and For 5870 Prod Util Lab)

17W S THOMPSON PhD Prof Head of Dept and Dir For Prod Util Lab

17H M BARNES PhD Asst Prof

17R R STEVENS MS Asst Prof 17F W TAYLOR PhD Assoc Prof and Asst Dir For Prod Util Lab

17E R TOOLE PhD Asst Prof 17JOE YAO PhD Assoc Prof

Miscellaneous

5875

1G R LEWIS MLS Dir of Librs

5880 Substations

2J H ANDERSON PhD Dir

Black Belt Br Expt Sta (PO Brooksville 39739)

2R E COATS MS Supt

2ROSCOE IVY BS Dairyman and Asst Agron

Brown Loam Br Expt Sta (PO Raymond 39154)

2E G MORRISON MS Supt

2S D ATWELL BS Asst Agron

2N C EDWARDS Jr PhD Asst Agron

Coastal Plain Br Expt Sta (PO Newton 39345)

2W A BROCK MS Supt

2J W McMILLAN BS Asst Agron 2T G SANDERS MS Dairy Spec

2B E WAGGONER MS Asst Agron

Delta Br Expt Sta (PO Stoneville 38776)

2C G SHEPHERD PhD Supt (Tel 601 Leland 686-7281 Ext 200)

5L B ABRAHAMSON PhD Ent For

2J M ANDERSON PhD Agr Econ Syst

2DAVINDERJIT K BAGGA PhD Assoc Plant Path Weeds

2H S BAGGA PhD Plant Path Cotton

5J C BAILEY PhD Ent Soybeans

2R S BAKER PhD Plant Physiol Weed Control Cotton

5G L BARKER MS Agr Engin Cotton Harvesting

2W L BARRENTINE PhD Plant Physiol Weed Control

5B G BLACKMON PhD Soil Sci For

2D H BOWMAN PhD Agron Rice Cult

2R R BRIDGE PhD Plant Genet Cotton Brdg 5C B BRISCOE DF Res For

5W M BROADFOOT MS Soil Sci For 2E G BURCHFIELD BS Asst to Supt

2G M CAMPBELL PhD Hort Veg Crops

5G W CATHEY MS Plant Physiol Cotton 2J F CHISM BS Asst Agron Cotton Impr

5F T COOKE Jr MS Agr Econ Farm Mgt and Costs

45W N DARWIN MF For Prods Technol

5C J EDWARDS Jr BS - Assoc Agron Soybean Cult

5T H FILER Jr PhD Path For

2C D FISHER BS Asst Supt 5F E FULGHAM MS Agr Engin Weed Control and Tillage

5R E FURR PhD Ent Cotton Ins
5C W GANTT MS Agr Engin Weed Control
2M K GINN Jr BS Asst Chem Pesticides Humans

5E E HARTWIG PhD Agron Soybean Brdg

5JOSEPH HACSKAYLO PhD Plant Physiol Cotton

2W L HAWTHORNE PhD Assoc Hort Veg Crops

2C W HOGUE MS Assoc Agron Weed Control Cotton

6J S HURSH Agr Met USDC 2H W IVY MS Assoc Agron Weed Control

5R L JOHNSON MS Silvic For 5B L KEELING PhD Plant Path Soybean Dis

5T C KILEN PhD Agron Soybeans

5R M KRINARD MF Mensurationist For 2M L LASTER PhD Ent Cotton Ins 5K E LUCKETT BS Agr Engin Cotton Mech

5J L McCONNELL BS Hardwoods Regeneration Spec For

5F I McCRACKEN MS Plant Path For

15C G McWHORTER PhD Plant Physiol Weed Control Cotton and Soybeans

5D F MARTIN PhD Ent Cotton Ins

15W R MEREDITH Jr PhD Genet Cotton Brdg

2VESTA G MEYER MS Assoc Genet Cotton

5C A MOHN MS Res Genet For

Substations-Continued

5R C MORRIS MS Ent For

2J V PETTIET PhD Agron Fert and Soils

5T R PFRIMMER PhD Ent Cotton Ins

2C A PIERCE BS Asst to Supt

2JULIA C PUGH MS Libr

2W A PUND MS Assoc Anim Husb

5W K RANDALL MS Res For

2J E REAMES BS Agr Engin

2G M ROBERTS BS Res Assoc Weed Control

5R H ROBERTS PhD Ent Livestock
5E L ROBINSON PhD Plant Physiol Weed Control Catton

5K E SAVAGE PhD Agron Weed Control Cotton

5A L SCALES BS Assoc Ent Cotton Ins

5F W SHROPSHIRE BS Hardwood Spec

5L L SMITH MS Agr Engin Seed Storage

45J D SOLOMON MS Ent For 2W I SPURGEON MS Agron Fert and Cotton Syst

SE A STADELBACHER PhD Ent Cotton Ins

5C R SWANSON PhD Plant Physiol Weed Control

5R O THOMAS PhD Plant Physiol Cotton

2G R TUPPER PhD Agr Engin Syst

2G A VANDERFORD BS Pesticides Invest Humans 5E H WHITE PhD Soil Sci For

125E B WILLIAMSON BS Agr Engin Cotton Mech

5J R WILLIFORD MS Agr Engin Weed Control

2G D WILLS PhD Plant Physiol Weed Control
150 B WOOTEN BS Agr Engin Weed Control

North Miss Br Expt Sta (PO Holly Springs 38635) 2S P CROCKETT MS Supt

2B L ARNOLD MS Agron

Northeast Miss Br Expt Sta (PO Verona 38879)

2R C ALBRITTON BS Supt

Pontotoc Ridge-Flatwoods Br Expt Sta (PO Pontotoc 38863)

2B C HURT Jr BS Supt

South Miss Br Expt Sta (PO Poplarville 39470)

2T C ASHLEY MS Supt 5BOWDEN CRANDALL Hort

5R E JEZEK BSAE Agr Engin

2W W KILBY MS Hort

2A J LAICHE Jr PhD Asst Hort 5J M SPEIRS PhD Plant Physiol

2C W THURMAN MS Asst Agron

Truck Crops Br Expt Sta (PO Crystal Springs) 2J A CAMPBELL MS Supt

23D A AULTMAN BS Asst Hort and Asst Ext Agron Soil Testing

2W O THOMAS MS Assoc Hort

2S L WINDHAM PhD Hort

Division of Vocational Education (Agriculture, Home Economics, and Industrial Education) of Alcorn Agricultural and Mechanical College, Lorman 39096 (Main tel 601-437-5151)

1College Staff

5Coop USDA

5890

IWALTER WASHINGTON EdD Pres (601-437-5151 Ext 202)

1R E WATERS EdM Vice Pres (601-437-5151 Ext 206)

IC S WHITE EdD Dean of Col (601-437-5151 Ext 206) 1J A MORRIS EdD Dir Div of Vocat Educ (601-437-5151 Ext 266)

IW F JACKSON EdD Chmn Dept of Agr Assoc Prof Agr Educ and Head Tchr Trnr (601-437-5151 Ext 275).

1Mrs LINELLE E GRIER MS Chmn of Dept of Home Econ and Teacher Trainer (601-437-5151 Ext 283)

IN C BUFORD MS Chmn of Dept of Indus Educ and Asst Prof Indus Educ (601-437-5151 Ext 212)

Agriculture

1W C BOYKIN EdD Prof Agr Educ and Dir Inst Self Study

15JEROMF BURTON BS Agr Econ Res

1D C CARTER MS Assoc Prof Anim and Dairy Sci 1JAMES CLARK MS Instr Agron and Hort

5900

MISSISSIPPI-MISSOURI

Agriculture-Continued

1J W FORTENBERRY MS Assoc Prof Agr Econ 1A G GORDON MS Itinerant Teacher Trainer Agr Educ 1H E GRIER PhD Assoc Prof Anim Sci ISUREST C TIWARI PhD Assoc Prof Soil

Home Economics

1Mrs RUTH R DEASE MA Asst Prof Child Devlpmt 1Mrs JERELENE M FOBBS MS Asst Prof Cloth and Rel Arts

15CECILIA SCHUCK PhD Prof Foods and Nutr 1MODESTINE SMITH MS Itinerant Teacher Trainer

1Mrs JUNE TARTT MS Asst Prof Foods and Nutr 1Mrs SARAH WILLIAMS MS Asst Prof Home Mgt

Industrial Education

5920

LAWRENCE BARNES MS Asst Prof Masonry ILEROY JACKSON BS Instr Laundering and Dry Cleaning

1M P PAUL PhD Asst Prof Electricity 1KENNETH SIMMONS MS Asst Prof Corpentry 10 O WILLIAMS MS Asst Prof Plumbing and Heating

MISSOURI

The College of Agriculture, the Agricultural Experiment Station, the Cooperative Extension Service, and the Schools of Forestry, Home Economics, and Veterinary Medicine of the University of Missouri - Columbia, Columbia, 65201 (Main tel 314-449-8011)

1 College Staff 2 Station Staff 3 Extension Staff 4 Leave of Absence 5 Coop USDA 6 U S Weather Bureau 7Mo Seed Improvement 9A-TR, M-S Program

5930

123J W SCHWADA PhD Univ Chanc (314-449-9429) 12W D BRYANT PhD Coord for Res and Long-Range Planning (314-449-2711)

12J C MURDOCK PhD Dean of Grad Sch and Dir Res

Admin (314-449-9236)

123E R KIEKI, PhD Dean of Col of Agr and Dir of Sta (314-449-9301)

129R J ALDRICH PhD Assoc Dean of Col of Agr for Res and Assoc Dir of Sta (314-449-9301)

12": C FOLKS PhD Assoc Dean of Col of Agr (314-449-9301)

2H J L'HOTE MA Asst Dir of Sta (314-449-9301)
12R R ROGERS MS Asst to Dean and Dir of Col of Agr

and Agr Expt Sta (314-449-9301)

12S E SCOBEE BS Fiscal Off of Col of Agr (314-449-9301) 3S H BODENHAMER PhD Assoc Dean Col of Agr for Ext (314-449-9301)

123R H BEZONI BS Vice Pres for Finance and Comptroller (314-449-8041)

123A M PRICE BS Univ Treas (314-449-3411)

123R L MITCHELL PhD Prof Crop Physiol and Chmn of Dept (314-449-8151)

12W A ALBRECHT PhD Prof Emeritus

3LAUREL ANDERSON PhD Prof Weed Sci Crops

12K H ASAY PhD Asst Prof Grass Brdg

7W E ASLIN BS Res Assoc Seed Prod

5J D BALDRIDGE PhD Assoc Prof Forage Brdg

12R W BLANCHAR PhD Assoc Prof Chem

5J M BRADFORD PhD Res Assoc Soil Physics

12J R BROWN PhD Asst Prof Microbiol

2N A BROWN MS Instr Agron and Supt Delta Center

12L E CAVANAH MS Assoc Prof Agron and Fdn Seed Prod 3C M CHRISTY MS Assoc Prof Soils

2L A DUCLOS MS Asst Prof Crop Brdg 1J N FALLOON BS Prof Soils 12T R FISHER PhD Asst Prof Chem

3J R FLEETWOOD MS Prof Emeritus

120 H FLETCHALL PhD Prof Weed Sci 7F E FORSYTH BS Res Assoc Seed Prod

12E R GRAHAM PhD Prof Chem

2C C HAYWARD MEd Asst Prof Agron and Asst Supvr

Agronomy-Continued

23R D HORROCKS PhD Asst Prof Testing

12D R JOHNSON PhD Asst Prof Crop Physiol

2N E JUSTUS PhD Assoc Prof and Supt Southwest Center

2H D KERR PhD Assoc Prof Weed Sci

12A W KLEMME PhD Prof Emeritus

12G F KRAUSE PhD Assoc Prof and Agr Expt Sta Statis

12E M KROTH PhD Asst Prof Fert 12H H KRUSEKORF AM Prof Emeritus

12K L LARSON PhD Prof Forage Mgt and Physiol 5P J LOESCH PhD Asst Prof Com Genet

5S A LOWANCE MS Res Assoc Weed Control Forages

5V D LUEDDERS PhD Res Assoc Plant Brdg

7D K LUMSDEN BS Res Assoc Seed Prod

1C E MARSHALL PhD Prof Mineral

5A G MATCHES PhD Assoc Prof Forage Mgt

2R E MATTAS MS Instr Fert

3W J MURPHY MS Prof Grain Crops
12C J NELSON PhD Asst Prof Crop Physiol

5E J PETERS PhD Assoc Prof Weed Control Forages 12J M POEHLMAN PhD Prof Small Grain Brdg Internatl Prog

3A L PRESTON Jr MA Assœ Prof Soils 2J A ROTH MS Asst Prof Fert

2W P SAPPENFIELD PhD Prof Cotton Brdg

3J H SCOTT Jr BS Assoc Prof Crops

12C L SCRIVNER PhD Prof Morphol
12D T SECHLER PhD Assoc Prof Small Grain Brdg

12G E SMITH PhD Prof Fert and Dir of Water Resource Center

12VIOLA M STANWAY MA Asst Prof Seed Technol

5C F STARK MS Res Assoc Com Brdg

12W J UPCHURCH PhD Assoc Prof Mineral

12G H WAGNER PhD Assoc Prof Microbiol

3H N WHEATON PhD Assoc Prof Forage Prod

12C M WOODRUFF PhD Prof Chem 5M S ZUBER PhD Prof Corn Brdg

Animal Husbandry

5940

123A J DYER PhD Prof and Chmn of Dept (314-449-9211)

3M A ALEXANDER MS Instr Sonoray

12J M ASPLUND PhD Ass∞ Prof Anim Nutr

3MELVIN BRADLEY PhD Prof Horses

2J L CLARK PhD Asst Prof and Supvr Low Level Radiat Lab

1W W CRENSHAW DVM Assoc Prof Anat 12B N DAY PhD Prof Physiol Reprod

2L. H LANGFORD MA Assoc Prof and Supt No Mo Center

12J F LASLEY PhD Prof Anim Genet

12R K LEAVITT MS Supvr of Swine and Beef Eval Center

3J W MASSEY PhD Assoc Prof Anim Brdg

12W H PFANDER PhD Prof Anim Nutr

3J C REA PhD Asst Prof Swine

12G L RICHARDSON PhD Asst Prof Prod and Mgt

12C V ROSS PhD Prof Prod and Mgt

3J E ROSS MS Assoc Prof Cattle

2J A SAGEBIEL PhD Asst Prof and Supt Weldon Spring Center

3H B SEWELL PhD Assoc Prof Cattle Feeding

12G B THOMPSON PhD Prof Prod and Mat

12T L VEUM PhD Asst Prof Prod and Mat

Atmospheric Science

5945

12W L DECKER PhD Prof Bromet and Chmn of Dept (314-449-8237)

12G L DARKOW PhD Prof Dynamics

6L F HAND BS Res Assoc Agr Met

12J B HARRINGTON Jr PhD Assoc Prof Agr Engin

12S R JOHNSON PhD Assoc Prof Econometrics

12E C KUNG PhD Assoc Prof Gen Circulation

16J D McQUIGG PhD Assoc Prof Statis Met

Chemistry (Agr)

5950

12D T MAYER Sr PhD Prof Biochem of Reprod and Chmn of Dept (314-449-8163)

12R D ARTHUR MS Instr Biochem

12W A AUE PhD Assoc Prof Chem Anal

12R A BLOOMFIELD PhD Prof and Assoc Dean of Grad Sch and Assoc Dir of Res Admin

MISSOURI 5950-6000

Chemistry (Agr)—Continued

1J D BURNETT MS Instr 2R G COOPER PhD Asst Prof Hemostasis

2C N CORNELL DVM Asst Prof Hemostasis

12E W COWAN MA Prof Emeritus

12M S FEATHER PhD Assoc Prof Starch Chem.

12LAURA M FLYNN PhD Assoc Prof Retired

123G B GARNER PhD Assoc Prof Nutr Biochem
12C W GEHRKE PhD Prof Chem Anal

2Mrs CORAZON R HASTINGS PhD Post Doctoral Fellow Phys Chem

12S R KOIRTYOHANN PhD Asst Prof Instrum Chem Anal

12M E MUHRER PhD Prof Physiol Chem 12B L O'DELL PhD Prof Nutr Biochem

12E E PICKETT PhD Prof Instrum Chem Anal 2P R REXROAD MS Instr Chem Anal

5960 Dairy Husbandry

123H D JOHNSON PhD Prof Environ Physiol and Chmn of Dept (314-449-9141)

12R R ANDERSON PhD Assoc Prof Endocrinol

12J R CAMPBELL PhD Prof Nutr

12L W HEDLUND PhD Asst Prof Neurophysiol

12F A MARTZ PhD Assoc Prof Nutr

3F H MEINERSHAGEN MS Prof Prod

12C P MERILAN PhD Prof Physiol and Biophys

2H S PEET BS Asst Prof and Asst Supvr Agr Res Oper 12W H E REID MA Prof Emeritus 12J D SIKES PhD Assoc Prof Physiol and Genet

12C W TURNER PhD Prof Emeritus

5970 Economics (Aar)

123V J RHODES PhD Prof and Chmn of Dept (314-449-93611

30 E ALLEN BS Prof Emeritus

15L D BENDER PhD Assoc Prof Econ Devlpmt

3M D BENNETT MS Instr Farm Mat

23R J BEVINS PhD Assoc Prof Land Econ

1G E BIVENS PhD Prof Fam Econ
12M G BLASE PhD Assoc Prof Resource Devlpmt

1K B BOGGS PhD Prof E∞n

12C H BRASCHLER PhD Assoc Prof Regional Econ

123H F BREIMYER PhD Prof Mktg and Policy

12DURWARD BREWER PhD Assoc Prof Resource Devlpmt

3T G BROWN PhD Prof Farm Mgt

12C L CRAMER PhD Prof Livestock Mktg Statis

3C R CUNNINGHAM PhD Prof Veg and Fruit Mktg Retailing-Wholesaling

3R S FENWICK MS Instr Bus Mgt 12R M FINLEY PhD Prof Farm Mgt

12K U FLOOD LLB DBA Prof Mgt and Logistics 5G A GILLESPIE PhD Res Assoc Resource Devlpmt

3G A GRIMES MS Assoc Prof Livestock Mktg 123A R HAGAN PhD Prof Farm Mgt

12J C HEADLEY PhD Assoc Prof Prod Econ

5HERBERT HOOVER MS Res Assoc Econ Devlpmt

23V E JACOBS PhD Assoc Prof Farm Mat

3T L JOULE MA Prof Emeritus

23C L KIRTLEY PhD Asst Prof Farm Mgt 3C E KLINGNER MA Prof Public Policy

5J A KUEHN PhD Res Assoc Resource Devlpmt

12D R LEVI JD Asst Prof Agr Law
12J W McKINSEY MA Prof Mktg
3C G McNABB PhD Prof Econ Devlpmt

1C R MEEKER BS Prof and Ext Inform Adv India Prog

IV A METCALF PhD Assoc Prof Cotton Mktg and Asst to Chanc

123E J METZEN EdD Prof Consum Econ

12FRANK MILLER PhD Prof Emeritus

12K E MILLER MBA Assoc Prof Livestock Mktg

23D E MOSER MS Assoc Prof Transp and Mktg

1D D OSBURN PhD Asst Prof Manpower

3J M RAGSDALE MS Prof Cash Crops Mktg

5D D RAITT MS Res Assoc Water Resources

3L F ROTTMANN MS Asst Prof Farm Mgt

12K C SCHNEEBERGER PhD Asst Prof Resource Econ

2J D TIMMONS MS Instr Local Govt

12R E TORGERSON PhD Asst Prof Mktg and Policy

123L A VOSS PhD Assoc Prof Poultry Mktg

Economics (Agr)—Continued

12P F WARNKEN PhD Assoc Prof Econ Devlpmt

3J M WELCH PhD Prof Restaurant Mgt

12J G WEST PhD Prof Prices and Resource Devlpmt

12S F WHITTED PhD Prof Dairy Mktg

3E R WIGGINS MS Asst Prof Farm Mgt

5D L WILLIAMS PhD Res Assoc Land Econ

3Mrs LORENE WILSON BS Asst Prof Consum Mktg

3H E WORKMAN PhD Assoc Prof Prod Econ

Editorial 5980

23R L LEE PhD Prof and Ed (314-449-9206) **PUBLICATIONS**

23D L ESSLINGER MS Instrand Asst Ed

23P H GWIN MS Assoc Prof and Assoc Ed 23D J MILLER MA Asst Prof and Asst Ed

23Mrs ELIZA B PRESTON BA Instr and Asst Ed

PRESS RADIO TV PHOTOGRAPHY VISUAL AIDS

23T E BILLINGS BJ Instrand Asst Ed

3F D DAILEY MS Asst Prof and Asst Ed

23Mrs ORRINE Z GREGORY MA Assoc Prof Assoc Ed

23D E HATESOHL PhD Prof and Assoc Ed

23T E HOFFMAN MA Instrand Asst Ed

2R R JONES MS Asst Prof and Asst Ed

1E K LESLIE EdD Assoc Prof 23D R ULLOTH MA Instrand Asst Ed

Education (Agr) 5990

1G F EKSTROM PhD Prof Emeritus

IG M LOVE PhD Assoc Prof

1D D OSEURN PhD Asst Prof

1C V RODERICK MEd Assoc Prof 1B R STEWART EdD Asst Prof

1C R WESTON EdD Assoc Prof

Engineering (Agr) 6000 123C L DAY PhD Prof and Chmn of Dept (314-449-8148)

5M E ANDERSON MS Res Assoc Dairy Plant Facilities

12R P BEASLEY MA Prof Soil and Water

5L E BODE MS Res Assoc Herbicide Application

12D B BROOKER MS Prof Crop Drying and Mater Handling

3M W CLARK MS Prof Soil and Water

1E J CONSTIEN BS Asst Prof and Farm Mech Adv India Prog

3F M CRAWFORD MS Asst Prof Elec

12C F CROMWELL Jr MS Asst Prof and Water Use and Mgt Adv India Prog

12H D CURRENCE PhD Asst Prof Forage Harvesting

5J R FISCHER MS Res Assoc Dairy Plant Facilities
12J C FRISBY PhD Assoc Prof Farm Mach

5M R GEBHARDT MS Res Assoc Herbicide Application

3R M GEORGE BS Asst Prof Mater Handling 12C E GOERING PhD Assoc Prof Farm Power and Mach

5G L HAHN MS Res Assoc Livestock Environ

5H G HEINEMANN BS Res Assoc Soil and Water

12M M JONES MS Prof Emeritus

5L A KRAMER MS Res Assoc Watershed Hydrol

1R E LINHARDT MS Instr Farm Mech

5H F MAYES MS Res Assoc Livestock Facilities

2K L McFATE MS Assoc Prof Farm Elec and Mater Handling

12J S McKIBBEN MS Assoc Prof Power and Mach and Shop Mech

12N F MEADOR PhD Asst Prof Structures
3M R PETERSON MS Instr Irrig and Drainage

5R F PIEST BS Res Assoc Hydrol and Hydraulics

5D L RAUSCH MS Res Assoc Reservoir Sedimentation 5D L REICHARD BS Res Assoc Herbicide Application 3R L RICKETTS MS Prof Structures

12J W D ROBBINS PhD Assoc Prof Waste Disposal

5K E SAXTON MS Res Assoc Watershed Hydrol

12M D SHANKLIN PhD Prof Bio Engin 3C E STEVENS Jr BS Assoc Prof Farm Safety

1H V WALTON PhD Prof and Chief of Party India Prog 1C R WESTON EdD Assoc Prof Farm Mech

12J C WOOLEY MS Prof Emeritus

MISSOURI 6010-6030

6010

12M L FAIRCHILD PhD Prof Corn Ins and Chmn of Dept (314-449-9161)

2SAMI AHMAD PhD Post Doctoral Fellow Ins Taxon 5K D BIEVER PhD Res Assoc Bio Climatol

12H E BROWN MA Prof Ornam Ins Ins Taxon

12G M CHIPPENDALE PhD Asst Prof Ins Physiol 3W S CRAIG PhD Prof

15D M DAUGHERTY PhD Assoc Prof Ins Biol and Ecol 5C J DELOACH Jr PhD Res Assoc Ins Biol Control 20SMAN ECEVIT PhD Post Doctoral Fellow Ins Taxon

12W R ENNS PhD Prof Fruit and Veg Ins Ins Taxon Acami

2KEITH HARRENDORF MS Asst Prof Cotton Ins

5J H HATCHETT PhD Res Assoc Oil Seed Ins

5J D HOFFMAN MS Res Assoc Ins Biol Control

3J L HUGGANS PhD Asst Prof Field Testing Spec

1A L JENKINS MS Prof Emeritus

12W H KEARBY PhD Asst Prof For Ins

12A J KEASTER PhD Asst Prof Corn Ins

12C O KNOWLES PhD Assoc Prof Ins Toxicol

5F R LAWSON BA Prof and Dir USDA Biol Control of Ins Res Lab

5N L MARSTON PhD Res Assoc Behavior Genet Ecol

3R E MUNSON PhD Asst Prof Ext Surv Ent

5F D PARKER PhD Res Assoc Taxon of Hymenoptera

3LEROY PETERS MS Instr

5BENJAMIN PUTTLER BS Res Assoc Ins Biol Control 2S P SHRIVASTAVA PhD Post Doctoral Fellow Ins Toxicol

5G D THOMAS PhD Res Assoc Ecol Livestock Ins

3G W THOMAS MA Assoc Prof 12C W WINGO PhD Prof Med and Vet Ent 12T R YONKE PhD Asst Prof Taxon Morphol Ecol

Extension Education

6020

13R K PRICE PhD Prof and Dir of Training and Staff Devlpmt (314-449-9171)

3W D ANGEL BA Prog Dir 3W L ATKINS PhD Asst Prof and Dist Dir

3A C AUSHERMAN MS Prof and Ext Youth Spec

3R B BAKER MS Prof and Admin Serv Off
3C W BALLEW EdD Prof and Dir of Audio Visual and Commun Serv

3G I BANK MS Assoc Prof and Dir of Post Grad Med Educ

23T E BILLINGS BJ Instrand Asst Ed

3S H BODENHAMER PhD Prof and Assoc Dean for Ext

3L E BOWMAKER MS Instrand Dir of Civ Def Prog

3G V BOYLE MS Dir Labor Educ

3JOHN BRANDIS BA Instr

3P J BRINK MA Instrand Asst Proj Dir of Civ Def Prog

34P D BURGESS MS Asst Prof and Dist Dir

3J H BURKEHOLDER MS Prof and Ext Youth Spec

3C E CAMPBELL EdD Asst Prof and Dist Dir

3R H CASATI BS Instrand Civ Def Spec 3L L CRAM PhD Prog Coord Spec Prog

3F J CULVER BS Asst to Dir of Public Affairs and Spec Proj

3F D DAILEY MS Asst Prof and Asst Ed

3L C DOUGLAS EdD Assoc Prof and Assoc Dean

23D L ESSLINGER MS Instrand Asst Ed

3D W FANCHER MS Instrand Asst Dean of Univ Ext Div

3D F FELTS EdD Asst Prof and Dir of Independent Study

3G D FITZGERALD MEd Instrand Pers Off
3Mrs RUTH GEORGE MS Assoc Prof and Prog Coord of Cont Educ for Women

3L W GOSLIN MEd Instr and Coord of Stud Serv Independent Study
3A F GRAHAM MS Prof and Dir Ext Youth Prog

3MARY N GREENWOOD PhD Prof and Dir of Cont Educ for Women Univ Wide Ext

3Mrs MABLE GRIMES MS Instrand Ext Youth Spec

13J G GROSS PhD Asst Prof and Ext Studies Spec

23P H GWIN MS Assoc Prof and Assoc Ed

3L A HALE PhD Asst Prof and Dist Dir

Extension Education-Continued

3B W HARRISON BS Prof and Dist Dir

23D E HATESOHL PhD Prof and Assoc Ed 3W F HEIDLAGE EdD Assoc Prof and Prog Coord Environ Health

23T E HOFFMAN MA Instrand Asst Ed
3J E HOLLAND EdD Assoc Prof and Asst Dean

2R R JONES MS Asst Prof and Asst Ed 3H E KEITH MS Asst Prof and Dist Dir

3D C KELLER BS Instrand Civ Def Spec

3GRACE M KLENN MA Assoc Prof Prog Coord Spec Fam Living Proj

3STIRLING KYD PhD Prof and Asst to Pres and Dir of Public Affairs and Special Proj

23R L LEE PhD Prof and Ed

1E K LESLIE EdD Assoc Prof

3CHARLINE LINDSAY MS Prof and Ext Youth Spec

13Mrs EILEEN E LINEBERRY MS Assoc Prof and Dir of Cont Educ for Women-Columbia Campus

3F J LOEVI Jr BA Instr and Labor Educ Spec

34W E MACKIE MA Instrand Coord Frog Malawi Proj

13C J MARIENFELD MD Prof and Dir Ext Environ Health and Coord Health Prog

3R F. MASON BA Instr and Assoc Dir of Law Enforcement

3J J MIKRUT Jr MS Instrand Labor Educ Spec

23D J MILLER MA Asst Prof and Asst Ed

3J U MORRIS BS Prof Emeritus

3JOHN MOWRER MS Instr Ext Educ and Health Educ Regional **Me**d Prog

3J H OLLAR MS Asst to Dir of Admin Mgt

3J R PARKER MA Instrand Coord Conf and Short Courses

3Mrs MARGOT T PATTERSON AB Asst Prof and Prog Coord of Cont Educ for Women

3T O PERRIN MS Instr

23Mrs ELIZA B PRESTON BA Instrand Asst Ed

1C B RATCHFORD PhD Prof and Vice Pres for Ext

1J P RODGERS MS Assoc Prof and Campus Coord India Prog

13G P ROWE PhD Assoc Prof and Ext Youth Spec

3V N SAPP BS Asst Prof Dist Dir and Dean of Ext-St Louis Campus

3C N SCHENEMAN PhD Prof and Dir Admin Mat

3K W SERFASS BS Instr and Dir of Conf and Short Courses

3A J SNIDER EdD Prof and Dir of Ext Courses and Conf

3W L STUCKER EdS Asst Prof and Res Dir of Inter Campus Instr

3J B SUTHERLAND PhD Assoc Prof and Dir Indus Res and Ext

3G E THOMAS MS Instrand Labor Educ Spec
3N G TRICKEY MS Assoc Prof and Ext Youth Spec
3R J TURNER PhD Asst Prof and Consult in Instr Res

23D R ULLOTH MA Instr and Asst Ed 3GLENN WEAVER BS Instr and Coord Educ Conf

3J L WHIPPLE MEd Instrand Coord Confand Short

Courses 4J L WHITFIELD MS Asst Prof and Dist Dir

1W T WILKENING PhD Asst Prof and Ext Educ Prog Adv India Prog

3J L WIRZ BS Instr and Coord of Conf and Short Courses

3F A YOUNG BS Asst Prof and Training Off

3Mrs KATHARYN ZIMMERMAN MS Prof Emeritus

Food Science and Nutrition

6030

123D M GRAHAM PhD Prof and Chmn of Dept (314-449-8225)

12M E BAILEY PhD Prof Food Chem

12RUTH E BALDWIN PhD Prof Food Sci and Nutr

3H J BASSETT PhD Assoc Prof Food Sci

120 J COTTERILL PhD Prof Food Sci 12J E EDMONDSON PhD Prof Food Microbiol 12M L FIELDS PhD Prof Food Microbiol

12H B HEDRICK PhD Prof Food Sci

2Mrs BERNICE M KORSCHGEN MS Instr Food Sci

12R T MARSHALL PhD Assoc Prof Microbiol 2S T McCREADY PhD Post Doctoral Fellow Food Sci

12H D NAUMANN PhD Prof Food Sci and Distrib

MISSOURI 6030-6060

Food Science and Nutrition_Continued

12D S SHELLEY MS Instr Food Proc

123W C STRINGER PhD Assoc Prof Food Sci and Distrib 3J M WELCH PhD Prof Food Serv

Forestry, School of

123D P DUNCAN PhD Prof and Dir of Sch (314-449-9271)

12K T ADAIR PhD Assoc Prof For Econ and Mktg

5A J BJUGSTAD PhD Res Assoc Range Mgt

12G N BROWN PhD Asst Prof Tree Physiol
3M C BROWN MF Asst Prof Wood Util
12M F BROWN PhD Asst Prof For Path

12K C CHILMAN MF Asst Prof For Admin and Recreation

12G S COX PhD Prof For Soils and Ecol

5J S CROSBY MF Res Assoc Fire

12K B DOWNING MS Instr Land Use Planning

5P S JOHNSON PhD Res Assoc Silvic

12W H KEARBY PhD Asst Prof For Ins

5R M LOOMIS MS Res Assoc Fire

12E A McGINNES Jr PhD Prof Wood Sci and Technol

1K E MOORE MF Assoc Prof For Cartography and Engin

12R A MUSBACH BSF Asst Prof Silvic

12A J NASH PhD Prof Mensuration and Photogrammetry

12J M NICHOLS MS Assoc Prof For Mgt

12J P PASTORET MS Asst Prof Wood Technol and Prod 12L K PAULSELL MS Assoc Prof Silvic

12R B POLK MS Assoc Prof Genet and Dendrol

12C D SETTERGREN PhD Asst Prof Watershed Mgt

3J P SLUSHER MS Asst Prof For Mgt

12R C SMITH DF Prof For Econ 5R F WATT PhD Res Assoc Tree Physiol

1R H WESTVELD PhD Dir of Sch Emeritus Prof Silvic

3E Y WHEELER MS Asst Prof For Prod

6045

6040

1E G ANDERSON PhD Visiting Prof Com Genet

15JB BECKETT PhD Asst Prof Corn Genet

12R V BROWN PhD Assoc Prof Anim Genet

12A B BURDICK PhD Prof Drosophila Genet

2T D CHANG PhD Res Assoc Wheat Cytogenet

15E H COE Jr PhD Prof Com Genet 15G G DOYLE PhD Asst Prof Com Cytogenet

2C J DRISCOLL PhD Post Doctoral Fellow Wheat Cytogenet

2A P do CARMO e FREITAS PhD Post Doctoral Fellow Interorganism Genet

2G A GAVAZZI PhD Post Doctoral Fellow Arabidopsis Genet

12C S GOWANS PhD Prof Microbiol Genet

12G Y KIKUDOME PhD Assoc Prof Corn Cytogenet

12GCRDCN KIMBER PhD Assoc Prof Wheat Cytogenet

5R L LARSON PhD Asst Prof Biochem

12W Q LOEGERING PhD Prof Wheat Genet

5P J LOESCH PhD Asst Prof Corn Genet

1A E LONGLEY PhD Visiting Prof Com Cytogenet
12M G NEUFFER PhD Prof Com Genet

12G P REDEI CSc Prof Arabidopsis Genet 5E R SEARS PhD Prof Wheat Cytogenet

2MIS LOTTI M STEINITZ SEARS PhD Asst Prof Cytogenet

120 P SEHGAL PhD Assoc Prof Virol

Home Economics, School of

6050

123MARGARET W MANGEL PhD Prof and Dir of Sch (314-449-9331)

12Mrs VETA B ADAMS BS Asst to the Dir 3ALICE M ALEXANDER BS Prof Home Mgt 1Mrs HELEN S ALLEN MS Prof Text and Cloth IGEORGIA M AMICK MS Prof Food and Nutr

12HELEN L ANDERSON PhD Asst Prof Food and Nutr

12G E BIVENS PhD Prof Fam Econ

3Mrs MARILYN J BLCSSCM MA Instrand Child Devlpmt Spec

1Mrs CAROL BOYCE PhD Asst Prof Child and Fam Devlpmt

3Mrs MILDRED S BRADSHER MS Assoc Prof Food and

1Mrs MARITA S CARLSON MS Instr Food and Nutr 13Mrs MARILYN W CASELMAN MS Assoc Prof Home Mat and Fam Econ

Home Economics, School of-Continued

1P Y CHIN BArch Instr Int Design

13Mrs RUTH C COOK PhD Prof Child and Fam Devlpmt 1AURORA D DIEGO MS Instr F∞d and Nutr 1JOSEPH FALSETTI MA Assoc Prof Int Design 1Mrs VIRGINIA L FISHER PhD Assoc Prof Child

Devlpmt and Fam Life

3JOSEPHINE F FLORY MA Prof Food and Nutr 12Mrs MARGARET FLYNN PhD Asst Prof Food and

1Mrs BETTY J GAINEY BS Instr Food and Nutr 13LOU GALLUP EdD Asst Prof Housing-Int Design

23Mrs ORRINE Z GREGORY MS Assoc Prof Commun and Assoc Ed

1Mrs JEAN B GRIFFIN MS Asst Prof Text and Cloth 1Mrs JUDITH B HEFFERNAN MA Instr Child and Fam Devlpmt

1R H HELMICK Jr MFA Asst Prof Int Design 1G L HENNIGH MFA Asst Prof Int Design

1Mrs ELIZABETH SHENSLEY MS Prof Food and Nutr

12Mrs DONNA PHERD MS Instr Food and Nutr 3ANN HERTZLER MS Asst Prof Food and Nutr 1Mrs PATRICIA A HILDERBRAND MA Instr

1Mrs MARTHA D HIRSCH MS Instr Food and Nutr 1Mrs JOSEPHINE M HOLIK MS Assoc Prof Text and Cloth

1CAROL B IRVIN MS Instr Child and Fam Devlpmt 3Mrs LOU V ISBELL MS Asst Prof Child Devlpmt and Fam Life

3MARY L. JOHNSON MA Assoc Prof Home Mgt and Fam Econ

1C M KAJFMANN MA Assoc Prof Int Design Mrs TREVAC KINTNER MS Instr Food and Nutr

3M PATRICIA KLOBE MS $\,$ Assoc Prof Home Mgt and Fain Econ

3Mrs FUNICE LIEURANCE MA Asst Prof Home Mgt and Fam Eldon

14RUTH N LUTZ PhD Prof Food and Nutr 3ARTHUR McARTHUR MA Assoc Prof Human Devlpmt

Fam Life 1Mrs FRANCES A McKELVY MS Assoc Prof Food and Nutr

123E J METZEN FBD Prof Home Mgt and Fam Econ 1Mrs RHA 3 MILLER MA Instr Child and Fam Devlpmt 1AIMEE N MOORE PhD Prof Food and Nutr 1DELIA A NAVARRETE MS Instr Food and Nutr

3VIRGINIA NORRIS PhD Assoc Prof Home Econ 123Mrs ELINOR H NUGENT PhD Prof Text and Cloth 1Mrs MARY A RAMSEYER ME Instr Child and Fam

Derlpmt. 3VELDAF RANKIN MS Asst Prof Text and Cloth
13KATE I: ROGERS EdD Prof Housing and Int Design

17. YNNE N HOSS MS | Instr Foed and Nutr

1DORIS G SAXON MS Prof Text and Cloth 1DOLCRES SINGMON B\$ Instr Food and Nutr

1Mr.: KATHLEEN THORNBURG MS Instr Child and Fam flet.lpmt

1ARCH TROFLSTRUP PLE Visiting Prof Fam Econ un : Mgt

3EMALYN F TURNER MS Prof Tex and Cloth 1Mrs BYRDINE H TUTHILL MS Prof Food and Nutr 123J T TYPPO PhD Prof Food and Nutr

1Mrs MARION H TYPPO MA Instr Child and Fam Devlpir.t

1CHRISTINE P WEAVER PhD Assoc Prof Food and Nutr 1CAROLINE E WINGO MA Assoc Prof Text and Cloth 12W K YAMANAKA PhD Asst Prof Nutr

1ANNA C YOST MS Assoc Prof Home Mgt and Fam

Horticulture

6060

123R A SCHROEDER PhD Prof and Chan of Dept (314-449-9346)

12J H DUNN PhD Asst Prof Turfgrass

3A E GAUS PhD Prof

3D E HARTLEY PhD Assoc Prof Flor

12D D HEMPHILL PhD Prof Physiol

12A D HIBBARD PhD Prof Pomol 12V N LAMBETH PhD Prof Oler

13C W LOBENSTEIN PhD Assoc Prof Turfgrass

forticulture-Continued

3W R MARTIN Jr BS Prof Emeritus **12**A E MURNEEK PhD Prof Emeritus 1B W KINGREY DVM MS Dean 1L C MURPHY DVM Prof and Assoc Dean Res Devlpmt 12M N ROGERS PhD Prof Flor IG C SHELTON DVM PhD Prof Vet Microbiol and 3R R ROTHENBERGER PhD Assoc Prof Flor Assoc Dean 3C M SACAMANO MS Instr Hort Landsc IJ E BREAZILE DVM PhD Prof and Chmn of Vet Anat 12J E SMITH Jr MS Prof Flor 1T M CURTIN DVM PhD Prof and Chmn Vet Physiol 1L C SNYDER Jr MLA Asst Prof Landsc Design 1H G SWARTWOUT MA Prof Emeritus and Pharmacol 1B E HOOPER DVM PhD Assoc Prof and Chmn of Vet 1R E TAVEN MS Assoc Prof Hort Landsc Path 12R W LOAN DVM PhDProf and Chmn of Vet Microbiol1M P RINES DVM PhDProf and Chmn of Vet Med and nternational Programs (India) 6065 12J P RODGERS MS Assoc Prof Ext Educ and Campus 1E R AMES DVM PhD Asst Prof Vet Microbiol Coord (314-449-8126) 1H H BERRIER DVM MS Assoc Prof Vet Path 1T S BROOK PhD Plant Protection Adv 1B O COLES MS Farm Mgt Adv 1C J BIERSCHWAL DVM MS Prof Vet Med and Surg 1E J CONSTIEN BS Asst Prof Agr Engir, and Farm 1W S BIVIN DVM Instr Vet Anat ID C BLENDEN DVM MS Assoc Prof Vet Microbiol Mech Adv 1C F CROMWELL Jr MS - Asst Prof Aar Engin and Water 1A A CASE DVM MS Prof Vet Med and Surg 1E A CORLEY DVM PhD Assoc Prof Vet Med and Use and Mgt Adv 1W K DELAPLANE Jr PhD Plant Protection Adv Surg 1L M CORNELIUS DVM Res Assoc Vet Med and Surg
1L A CORWIN DVM PhD Asst Prof Vet Med and Surg 1R G HANSON PhD Soil Fert and Water Mgt Adv 1C R MEEKER BS Prof Agr Econ and Ext Inform Adv 1F D MILLER MS Seed Prod Adv and Team Ldr 1H E DALE DVM PhD Prof Vet Physiol and Pharmacol 1C N MURPHY DVM Vet Med Adv 1H V WALTON PLD Prof Agr Engin and Chief of Party 1H D DELLMANN DVM PhD Prof Vet Anat 1A W DOBSON DVM MS Asst Prof Vet Med and Surg and Adv in Univ Org and Admin 1A R DOMMERT DVM PhD Assoc Prof Vet Microbiol IC R DORN DVM MPH Assoc Prof Vet Microbiol 1W T WILKENING PhD Asst Prof Ext Educ and Ext Educ Prog Adv 1R E DOYLE DVM Prof Vet Physiol and Pharmacol 1D D DRAPER DVM Instr Vet Anat lant Pathology 1T M EAGLE DVM Assoc Prof Vet Med and Surg 6070 123R N GOODMAN PhD Prof Phytobact and Chmn of Dept 1E F EBERT DVM Prof Vet Med and Surg (3.4-449-8251) 1J E ENGLISH DVM MS Assoc Prof Vet Med and Surg 1R E HOFFER DVM $Ass \infty$ Prof Vet Med and Surg 2Mrs GREGORIA ACEDO PhD Post Doctoral Fellow 1L D KINTNER DVM MS Prof Vet Path Phytobact 2C H BALDWIN Jr PhD Post Doctoral Fellow Phytopath 1S D LARKS PhD Prof Vet Physiol and Pharmacol 12C E MARTIN DVM MS Assoc Prof Vet Med and Surg 1N H McARTHUR DVM Instr Vet Anat 2G A BOZARTH PhD Post Doctord Fellow Soil Microbiol 12M F BROWN Jr PhD Asst Prof For Path
124O H CALVERT PhD Assoc Prof Mycol
2V H DROPKIN PhD Prof Nematol 1R C McCLURE DVM PhD Prof Vet Anat 1W F McCULLOCH DVM MPH Prof and Dir Vet Med Cont Educ 2SRIJIB GANGOPADHYAY PhD Post Doctoral Fellow 12E L McCUNE DVM PhD Assoc Prof Vet Microbiol 1H C McDOUGLE DVM MS Prof Vet Microbiol Soil Microbiol 12D F MILLIKAN Jr PhD Prof Virol 1J T McGINITY DVM Assoc Prof Vet Med and Surg 2ANTON NOVACKY PhD Asst Prof Phytopath 1C C MIDDLETON DVM MS Assoc Prof and Dir Farm 12L G MOREHOUSE DVM PhD Prof Vet Path 3E W PALM PhD Assec Prof Plant Path 1B L MOSELFY DVM MS Asst Prof Vet Path 1S L NELSON DVM PhD Assoc Prof Vet Path 2JACOB PINKAS PhD Post Doctoral Fellow Phytobact 2J A ROSS PhD Res Chem 5R H SCHERFF PhD Res Assoc Phytobact Soybeans 1K H NIEMEYER DVM Assoc Prof Vet Med and Surg
12L D OLSON DVM PhD Assoc Prof Vet Path 120 P SEHGAL PhD Assoc Prof Virel
12B G TWEEDY PhD Assoc Prof Fungus Physiol
12T D WYLLIE PhD Assoc Prof Soil Microbiol 1W P PALMORE DVM PhD Asst Prof Vet Physiol and Pharmacol 1J D RHOADES DVM Asst Prof Vet Med and Surg 12D E RODABAUGH DVM MS Prof Vet Path
12B D ROSENQUIST DVM PhD Assoc Prof Vet Microbiol oultry Husbandry 6080 1L A SELBY DVM DPH Asst Prof Vet Microbiol 1D A SCHMIDT DVM PhD Prof Vet Path 123J E SAVAGE PhD Prof Nutr and Chmn of Dept (314-449-9323) 12H V BIELLIER PhD Prof Physiol 1C E SHORT DVM Asst Prof Vet Med and Surg 1E M FUNK PhD Prof Emeritus Poultry Mktg
3G S GEIGER MS Assoc Prof Poultry IC R SHORT DVM PhD Asst Prof Vet Physiol and Pharmacol 1R F SOLOZARNO PhD Assoc Prof Vet Microbiol 2K A HOLLEMAN MS Instr Turkey Mat 12Q B KINDER MA Prof Poultry Mgt 1R F SPROUSE PhD Asst Prof Vet Microbiol 3WALTER RUSSELL MS Prof Poultry 1M E TUMBLESON PhD Assoc Prof Vet Physiol and 2W K SMITH PhD Post Doctoral Fellow Poultry Pharmacol. 1R B WESCOTT DVM PhD Assoc Prof Vet Microbiol Phys:ol 12A B STEPHENSON PhD Prof Brdg Miscellaneous 6110 2W L BAKER MS Supvr of Fert Insp ıral Sociology 6090 2J L CLARK PhD Asst Prof and Supvr Low Level 12R L McNAMARA PhD Prof Pop and Med Social and Chmn of Dept (314-449-9615) Radiat Lab 12R R CAMPBELL PhD Assoc Prof Pop 12G F KRAUSE PhD Assoc Prof and Agr Expt Sta Statis 12C L GREGORY MS Prof Statis and Method 13J A HARTMAN PhD Asst Prof Res Methods 12R K LEAVITT MS Supvr of Swine and Beef Eval Center 2C W LIBBEE BS Supvr of Expt Sta Impr 12E W HASSINGER PhD Prof Med Sociol
2W D HEFFERNAN PhD Asst Prof Community Organ 1R C McCLURE MEd Counseling Coord Col of Agr 12W R SANDERSON BS Supvr Agr Res Oper 2ANDREW TAU Photog 23D J HOBBS PhD Assoc Prof Social Change
13J S HOLIK PhD Assoc Prof Rural Church 2R H WEHRMAN BS Fert Field Auditor

Veterinary Medicine, School of

6100

12H F LIONBERGER PhD Prof Diffusion Res 1J R PINKERTON PhD Assoc Prof Pop

MISSOURI-MONTANA Animal and Range Sciences-Continued **Outstate Centers** 6120 Delta Center (PO Box 160 Portageville) 12G K EULERT MS Instr Range Sci 12A F FLOWER MS Assoc Prof Anim Genet (Swine) 2N A BROWN MS Instrand Supt 2B L. HODDER MS Res Assoc Roadside Reseeding North Missouri Center (Rte 1 Spickard) 3N A JACOBSEN MS Assoc Prof and Ext Livestock 2L H LANGFORD MA Assoc Prof and Supt Spec Southwest Center (Rte 3 Mt Vernon) 12R W MILLER MS Assoc Prof Anim Prod (Beef Cattle 2N E JUSTUS PhD Assoc Prof and Supt Weldon Spring Center (Rte 2 St Charles) and Horses) 12E L MOODY MS Asst Prof Anim Physiol and Endocrinol 2J A SAGEBIEL PhD Asst Prof and Supt 123B R MOSS PhD Asst Prof Anim Sci (Dairy) Ext Dairy Spec Lincoln University Jefferson City 65101 12 C W NEWMAN PhD Assoc Prot Same Nutr (Main tel 314-636-8121) 12G F PAYNE PhD Prof Range Mat Ecol 1College Staff 3E J PEACE MS Assoc Prof and Ext Dairy and Swine Spec 6130 12D E RYERSON PhD Assoc Prof Range Mgt IN C.DANIELS PhD Pres 124J E TAYLOR MS Asst Prof Runge Mit
120 O THOMAS PhD Prof Anim Nutr
12J L VAN HORN MS Prof Anim Prod (Sheep) 10 J CHAPMAN PhD Dean 1.J. N. FREEMAN PhD Prof and Head of Dept of Agr (314-636-8121 Ext 258) 6210 **Botany and Microbiology** 6140 Agri culture 1G W ENLOW Asst Prof Hort 2W G WALTER PhD Prof and Head of Dept 23R C CARLSTROM PhD Asst Prof Plant Path
2T W JARROLL PhD Assoc Frof Electron Micros Plant 1DARREL RONEY DVM Asst Prof Anim Husb and Dairying 1S M TALLEY PhD Assoc Prof Poultry Husb Path 2D E MATHHE PhD Assoc Prof Scil 2T A SHALLA PhD Assoc Pro: Plant Path Pis Physiol 2E L SHARP PhD Prof Plant Path Rust 6160 1W E BYRD PhD Prof Chem 2J F SHEPARD PhD Asst Prof Virol 6170 2G A STROBEL PhD Assoc Prof Plant Path Dis Physiol Home Economics 1LORINE F KNIGHT PhD Assoc Prof Home Econ 6220 Chemistry 1Mrs BEATRICE M SMITH MS Asst Prof Home Econ 2C N CAUGHLAN PhD Prof and Head of Dept 1Mrs VELMA THOMAS MS Asst Prof Home Econ 2R E GEER PhD As. t Prot Registion Their 6B E GINTHER MS Assoc Chem Anal Chem.
2K J GOE RING PhD Prof Brochem (Util) and Dean of Miscellaneous 6180 1Mrs FREDDYE G ASHFORD Act Libr Graduate College 2K D HAPNER PnD Asst Prof Blochem 2L L JACKSON PhD Ass∞ Prof Blochem MONTANA 2G R JULIAN PhD Prof Blochem
2R A OLSEN PhD Prof Plant Blochem College of Agriculture, the Agricultural Experiment 2) E ROEBINS PhD Assec Prof Enzyme 2S J RODGERS PhD Assec Prof Enzyme Station, and the Cooperative Extension Service of Montana State University, Bozeman 59715 (Main tel 406-587-3121) 6L TORMA BS Asst Chem. Anal Chem 1College Staff 2Station Staff 3Extension Staff 6230 Economics (Agr) 4Leave of Absence 5Coop USDA 12R J McCONNEN PhD Prof and Head of Dept 6Coop Other Govt Agencies 9A-TR, M-S Program 3R F BUCHERMS Assoc Prof Farm Mat Spec 120 R BURT PhD Prof Res Econ and Prod Econ 1M D COPELAND MBA Asst Prof Econ 6190 3J H COTHERN PhD Asst Prof Ext Econ 12C W McINTOSH PhD Pres 12G L CRAMER PhD Asst Prof Mktg 12W H JOHNSTONE MA Vice Pres for Admin 12N J DUDLEY PhD Asst Prof Mktg 11 E DAYTON PhD Vice Pres for Academic Affairs 12R C GREER PhD Asst Prof Mktg 1ROY E HUFFMAN PhD Vice Pres for Res (Tel 406-5W G HEID Jr PhD Agr Econ Farm Mgt and Prod Econ 587-3121 E.xt 503) 1239J A ASLESON PhD Dean of Agrand Dir of Sta (Tel sources Devlop Ctr 406-587-3121 Ext 404) 12C W JENSEN PhD Prof Prod Econ 3T S AASHEIM MS Dir of Ext Serv (Tel 406-587-3121 5DONALD LARSON MS Agr Econ Crop Insurance Ext 271) 12J G LITSCHAUER MS Asst Prof Mktg 2M J BURRIS PhD Assoc Dir Sta (Tel 406-587-3121 3LeROY L LUFT MS | Asst Prof Ext Econ Firm Mgt Ext 404) 12D H MYRICK PhD Assoc Prof Farm Myt and Mktg 12L P CARTER PhD Asst Dean of Agrand Asst Dir of 3M E QUENEMOEN PhD Assoc Prof Ext Econ Farm and Sta (Tel 406-587-3121 Ext 404) Ranch Mat 2J M EVANS Admin Off Sta 1D K ROSE PhD Asst Prof Econ 2R W LUCE MA Ref Libr and Asst Prof 12M S STAUBER PhD Asst Prof Prod Econ and Farm Mgt 12R L STROUP PhD Asst Prof Aar Econ and Econ 12THOMAS NOPPER BS Bus Mgr and Treas 123E B PETERSON MS Asst Bus Mgr

Animal and Range Sciences

6200

12R L BLACKWELL PhD Prof and Head of Dept 12A F BEECKLER BS Asst Prof Anim Prod (Poultry) 12J C BOYD PhD Prof Dairy Bact

12ALICE McCLAIN MA Assoc Prof and Dir of Libr

12L R WALDOCH JD Admin Asst to Pres

12P | BUREENING PhD | Asst Prot Anim Physiol

12G T DAVIS PhD Prof Anim Genet (Poultry)

123JAMES DRUMMOND MS Prof Wool Technol and Ext Sheep Spec

12J R DYNES PhD Ass∞ Prof (Meats) 12A M.E.L. NEGOUMY PhD Prof Agr Prod Util Biochem 12H C HOLJE PhD Prof Ag Econ and Dir Water and Re-

6G E St GEORGE BS Res Assoc Transp

12M C TAYLOR MS Assoc Prof Prices and Policies

12L S THOMPSON PhD Prof Land Econ and Taxation
1J W VAN WINKLE MS Assoc Prof Econ

12E H WARD PhD Pro: Darry Mktg

5RO WHEELER MS Agr Econ Range Mgt Spec

Editorial - See Office of Information (Publ)

Education (Agr)

6240

1M L AMBERSON PhD Prof and Head of Dept 1D D BISHOP Phi Asct Pret Air Edic 13BURL WINCHESTER MS Prof Ext Educ

6250-6350 MONTANA

Engineering (Agr) 2C C BOWMAN MS Assoc Prof and Head of Dept Irrig 5PHIL FARNES BS Hydraulic Engin 2T L HANSON PhE Assoc Prof Farm Fower and Mach 2C M MILNE PhD Assoc Prof Structures and Environ Control	Plant and Soil Science-Continued 12H N METCALF MS Prof Hort 12GA NIF LUEN PHI Ausoc Prof Soils 12A L RICHARDSON MS Assoc Prof Hort 6E K SALLY Jr BS Res Assoc Plant Path 12J R SCHAEFFER DAgr Prof Cytogenet 3A F SHAW MS Assoc Prof Ext Agron 12J R SIMS PhD Assoc Prof Soil Fert
### Extension Administration ### 6260 3T S AASHEIM MS Prof Dir (Tell 406-587 3121 Ext 271) 3E R AHRENDES MS Assoc Prof Coord of Community Devlpmt and Serv 3J C BOWER MS Prof Pers and Tring Ldr 3R F CAMPBELL MS Assoc Prof Prog Consult	12E. C.J.K.OGL: Y. Ph. Assoc Prof Soil Fer: 3C M SMITH PhD Prof Ext Soil Spec 12C A TAYLOR Ford As & Prof Agron 124L E. WIESNER MS Asst Prof Agron and Seed Anal 3B L. WILSON PhD Asst Prof Soils
3J CleBRED MS Asset Pro: Tun From Coord 3A C JACCBS MS Assoc Pro: Tust Prog Coord 3Mrs VIVIENNE B KINTZ BS Asst Prof Coord Human Resources 3RCY LINN ME Civ Dof Educ Spec 3HELEN McCARTHY Finance Off 3ALLEN PINELSON MS Assoc Prof Dist Supvr	Sociology 2A'DELBERT SAMSON PhD Prof and Head of Dept 3F K HCFF MAN Ph' About Prof Ext Human DevIpmt Spec 2W L LARSON PhD Assoc Prof Sociol 2W F LACTIVE For About For Furth Sociol and Sociol 2Mrs ANNES WILLIAMS MA Res Assoc
3L C PICKETT PhD Asst Prof Supvi Indian Prog 3R F RASMUSSON MS Assoc Prof Dist Supvi 3C R RUST PhD Assoc Prof Coord Agr Devel	Statistical Services 6305 12F. F. CMICH PhD: From and Cta Ctatis
3C C BYLANDER ME Onviolet Thic Spec 3J F SARGENT MS Assoc Prof 4-H and Other Youth Spec 3W D STOCKS MS Dist Prog Coord (located at Billings) 3C W VAUGHN MS Assoc Prof State 4-H Spec 3J E WICKS MS Ext Econ (located at Billings) 3PURL WINCHESTER MS Prof Adult Educ Genet	Veterinary Research Laboratory 12W W HAWKINS Jr DVM BS Prof and Head of Dept 12C K ANDERSON PnD Assoc Prof Anim Path 2R L BERG MS Res Assoc Microbiol 6MARYON M BORDER MS Res Assoc Microbiol 12J E CATLIN DVM Assoc Prof Clin Med
Home Economics 2Mrs MAJORIE B KEISER PhD Prof and Dir 3Mrs DOROTHY E GALLUP BS Asst Prof Area Home Econ 2Mrs JANE G LEASE Phl Prof Home Econ 3MARICN MC LINE MS Assoc Ptol Area Home Econ 2Mrs ANDREA PAGENKOPF PhD Asst Prof Home Econ 3Mrs CAROL H TARNAVSKY MS Asst Prof Area Home Econ	5% W CLARK DVM - Vet I pizoet 12B D F HEHAMMER MS - Frof Bact 12C H DRITTE MU - Accord Frot Mct III in 12M W HULL PhD - Assoc Prof Anim Physiol 2R H JACOBSON BA - Res Assoc Parasitol 12E AT CTANO PhD - Assoc Frof Bact 12L L MYCHA PhD - Assoc Frof Backer. 1J R NEWBY RBP - Instr Biophotog 12F 3 MANYAN This - Assoc Prof Vet Virol 2Mrs MARY G REILLY MT - Assoc Prof Path 12D E WORLEY PhD - Assoc Prof Parasitol
Office of Information (Public) 6280 2C L ISAACSON PhD Prof and Dir Inform 3W R BEASLEY BA Instr Inform Spec 3P F JESSWEIN BS Asst Prof and Univ Photog 2J D MacKELLAR MA Assoc Ed 3S D ROSEN BA Asst Prof Ext Ed 23 J CANFORD BS Assoc Ed (Art) 2D H WARREN MS Assoc Ed	Zoology and Entomology 2D G CAMERON PhD Assec Prof and Head of Dept 2N L ANDERSON PhD Prof Pop Biol 2C J D BROWN PhD Prof Fisheries Mgt 2R L FNG PhD Prof Crnith 6L N GRAHAM BS Asst State Apianst 2E B HASTINGS MS Prof Insect Physiol and State Ent
Plant and Soil Science 12E R HEHN PhD Prof and Head of Dept 1ROSA BAEVA BS Res Assor 12L O BAKER BS Asst Prof Weeds 5M A BERG BS Res Agron Wheat Brdg 5G O BOATWRIGHT PhD Res Soil Sci Soil Fert	2J H FFF FFF Following Ent. 2D C QUIMBY PhD Prof Wildlife Mgt 2G R ROEMHILD PhD Assoc Prof Ins Physiol 2D K SCHARFF PhD Prof Toxicol 3E H TOTTE MA Assoc Prof Ext Addite Spec 2Mrs SABALEF VAN HORN VISSCHER PhD Assoc Prof Ent.
2J F BROWN PhD Asst Prof Crop Physiol 5P L BROWN PhD Soil Sci 12J M CAPRIO PhD Prof Agr Chimate! 12A F CARLETON PhL Assoc Prof Peruge Brdg 12S R CHAPMAN PhD Assoc Prof Cytogenet 5C S COOPER PhD Assoc Crop Physiol 12D J DAVIS MS Assoc Prof Agron and Supt of Grain Insp Lab 5D D DICKEY BS Agr Aid Soils	Grasshopper Research Laboratory 5C C BLICKENSTAFF PhD Invest Ldr 5V FRANK BPH Admin Officer 5J E HENRY MS Ent 5G B HEWITT MS Ent 5J B KREASKEY PhD Ent 5N E REES MS Ent
21 W DUINE MS Res Assec 12R F ESLICK MS Prof Plant Brdg 12G E EVANS PhD Assoc Prof Hort Prod 12A H FERGUSON PhD Prof Soil Phys 2V A HABY MS Res Assoc 12L I HART MS Asst in Agron Grain Crops 25C R HAUN MS Asst Prof Wheat Brdg 5E A HOCKETT PhD Res Agron Barley Brdg	SECKWITH HUBBEL Jr DVM Vet in Chaster SPALLAS JOHNSON BE Adult Cherson KAY NEWMAN MS Virol SWM QUINN DVM Vet Diagnostician SE J SHEEHAN BA Serol
5J M HODGSON PhD Res Agron Weeds 3M J JACKSON MS Assoc Prof Ext Agron 12M G KLAGES PhD Prof Soil Chem 3O W McCARVER MS Asst Prof Ext Hort 12C F McGUIRE PhD Asst Prof Cereal Quality Lab 5F H McNEAL PhD Agron Wheat Brdg	Montana Grain Inspection Laboratory 6350 12E R HEHN PhD Dir 12D J DAVIS MS Assoc Prof and Supt 12L I HART MS Asst in Agron 124L E WIESNER MS Asst Prof Seed Anal

MONTANA-NEBRASKA Montana Wool Laboratory 6360 Forestry, School of-Continued 12R WBEHAN MSF Assoc Prof For Admin 12G M BLAKE PhD Assoc Prof Silvic 12R L BLACKWELL PhD Dir 123JAMES DRUMMOND MS Supvr Prof Wool Technol Ext 12J J CRAIGHEAD PhD Prof Ldr Mont Coop Wildlife Sheep Spec 12K L COLMAN MS Asst Prof Wool Technol Res Unit 123L K CUMMINS BS Assoc Prof Indus For 6370 12L E EDDLEMAN PhD Asst Prof Range Mgt 5R B GARDNER MS Gen Engin in Chg 1Mrs IRENE EVERS Libr 5J B BASILE MS Range Conserv 12J L FAUROT MF Assoc Prof For Engin 51 M COLE MS Res For 5J E LOTAN MF Res For 12L K FORCIER MFS Asst Prof For Ecol 12S S FRISSELL Jr MS Asst Prof Recreation Mgt 5W F MUEGGLER PhD Range Conserv 12F L GERLACH MF Assoc Prof For Engin 12W K GIBSON MF Asst Prof For Econ 13J T HARRIS PhD Assoc Prof Wildlife Mgt Wheat Stem Sawfly Investigations 6380 5L E WALLACE MS Ent 12G M KNUDSEN MS Res Assoc 12R L KONIZESKI PhD Prof Hydrol **Branch Stations** 6390 12J P KRIER PhD Prof Wood Util 12R W LANGE MF Assoc Prof For Mensuration
12J H LOWE PhD Assoc Prof Ent
12M S MORRIS MS Prof Range Mgt Central Mont Br Sta (PO Moccasin 59462) 2A L DUBBS MS Supt and Assoc Prof 2R T CHORIKI MS Asst Prof Soils 2L W STEMPKE BS Asst in Agron 12T J NIMLOS PhD Prof Soils Eastern Mont Br Sta (PO Sidney 5927C) 12W L PENGELLY PhD Prof Wildlife Mgt 2G P HARTMAN MS Supt and Assoc Soil Sci 12W R PIERCE PhD Prof For Mat 2C W CROWELL BS Asst in Agron 12RR REAM PhD Asst Prot Wildlife Mat Northern Plains Scil and Water Res Center (PO Sidney 59270) 12A L ROE MF Res Assoc Silvic 5F H SIDDOWAY PhD Dir Res Soil Sci 12FRED SHAFIZADEH PhD Prof Wood Chem 5J K AASE PhD Soil Sci 12R E SHANNON PhD Prof For Econ 1Mrs LUCILLE SOWERWINE BA Instr Tech Expression 5A L BLACK MS Soil Sci 5R M DIXON PhD Res Soil Sci Soil Moisture 12R W STEELE MF Assoc Prof For Protection **5**E L NEFF MS Hydraulic Encin 12R M WEDDLE JD Ed 5R & SAULMON MS Hydraulic Engin 5L M WHITE BS Res Pange Sci 5J R WIGHT PhD Res Range Sci NEBRASKA Huntley Br Sta (PC Huntley 59037) 2J L KRALL MS Supt and Agron The College of Agriculture, the College of Home Econom-2D E BALDRIDGE MS Assoc Agron Crops ics, the Agricultural Experiment Station, and the Cooperative 2D M ERB MS Asst in Plant and Soil Sci Extension Service of the University of Nebraska, Lincoln North Mont Br Sta (PO Star R-36 Havre 5950;) 68503 (Main tel 402-472-7211) 2W C WINDECKER BS Supt and Assoc Anim Sci

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 9A-TR.M-S Program

6Other Gov't Agency 7M13C

6400

1D B VARNER MS Chancellor (402-472-2111) IJOSEPH SOSHNIK PhD Pres of Lincoln Campuses and Cutatate Activities (402-172-2116)

123E F FROLIK PhD Dean of Col of Agr (402-472-2871) 3.1 L. ADAMS PhD Dir of Agr Ext Serv and Assoc Dean of Col of Agr (402-472-2966)

12HAZEL ANTHONY EdD Assoc Dean of Col of Home Econ (402-472-2958)

IFE ELDRIDGE PhD Dur of Res Instrand Assoc Dean of Col of Agr (402-472-2201)

2R W KLEIS PnD Assoc Dir of Sta (402-472-2045)

1C P MAGRATH PhD Dean of Faculties (402-472-2116) 1S A MATZKE Jr VS Asst Dir of Res Instr (402-472-

29H W OTTOSON PhD Dir of Sta and Assoc Dean of Col

of Agr (402-472-2045) 3E S RAI'N PhD Asst Dir of Agr Ext Serv (402-472-

2967) 123W E SPILKER BS Finance (402-472-2970)

123Mrs VIRGINIA TROTTER PnD Dean of Col of Home Econ (402-472-2913)

6410 Agronomy 123D G HANWAY PhD Prof and Chn.n of Dept (402-472-2811)

123A D FLCWERDAY PhD Assoc Prof and Vice Chmn

5A R AANDAHL PhD Prot

2F A ANDERSON MS Asst Prof Crops
1W A ANDERSON MS Instr Crops

120 C BURNSIDE PhD Prof Weed Sci 12D F BURZLAFF PhD Prof Range Mgt

12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorghum Physiol

12W L COLVILLE PhD Prof Crops
12W A COMPTON PhD Assoc Prof Com Brdg

12E C CONARD PhD Assoc Prof Pastures

USDA Forestry Sciences Laboratory

2D C ANDERSON MS Asst in Anim Sci

2R T HARADA BS Asst in Agron

2H A R HOULTON MS Asst Soil Sci Northwestern Mont Br Sta (PC Rte # 4 Kalispell 59901)

2V R STEWART MS Supt Assoc Agron Crops

2A J JARVI PhD Asst Agron

US Range Livestock ExptSta (PO Miles City 59301)

50 F PAHNISH PhD Supt

5R A BELLOWS PhD Anim Physiol

2R B GIBSON BS Asst in Anim Sci 5R E SHORT PhD Res Physiol

5J J URICK MS Anim Husb

Western Mont Br Sta (PC Corvallis 59828)

2D R MERKLEY MA Supt and Assoc Ent

2D R GRAHAM MS Asst Soil Sci

The College of Arts and Sciences. The School of Forestry and The Forest and Conservation Experiment Station of the University of Montana, Missoula 59801 (Main tel 406-243-2311)

1College Staff 2Station Staff 3Extension Staff 9A-TH, M-S Program

6392

1R T PANTZER LLB Pres of Univ (406-243-2311) IR G LANDINI PnD Acad Vice Pres (406-243-2311)

1N E TAYLOR PhD Res Vice Pres (406-243-2311)

1G L MITCHELL LLB Admin Vice Pres (406-243-2311)

1C L MURPHY BA Bus Mgr (406-243-2251)

1J M STEWART PhD Dean of Grad Sch (406-243-2672)

6394

1M J BEHAN PhD Assoc Prof

Forestry, School of

6396 129A W BOLLE DPA Dean of Sch of For Dir of Expt Sta (406-243-2211)

12R F WAMBACH PhD Assoc Dean of Sch of For Assoc Prof For Econ Ass∞ Dir of Expt Sta (406-243-2211)

12R C BEALL MS Instr Wildlife Mgt and Photogram

6410-6490 NEBRASKA

Agronomy—Continued Amimal Science—Continued 23L A DAIGGER MS Ass∞ Prof Soils 3S D FARL IN PhD Asst Prof Livestock 2A F DREIER MS Assoc Prof Outstate Testing 23R D FRITSCHEN MS Asst Prof Swine 12J V DREW PhD Prof Soil Surv 5H A GLIMF PhD Amoc Prof 5J DEASTIN PhD Assoc Prof Sorghum Physiol 5L F ELLIOT PhD Asst Prof Soil Microbiol 5K E GREGORY PhD Prof and Dir USMARC 3P Q GUYER PhD Prof Beef Nutr 5J R ELLIS BS Instr Soil Microbiol 3R H HATCH PhD Asst Prof Beef Cattle
121 M HUDSON MS Instr Nutrition
12H D HUMPHREY Asst Prof Anim Sci
12E L KLILLY PhD Prof Dairy 23C R FENSTER BS Ass∞ Prof Crop Mgt 37W DFOOTE MS Asst Prof Grain Impr 3J D FURRER MS Ass∞ Prof Pesticides 12C O GARDNER PhD Prof Statis Genet 127 1 KLOPENSTEIN PhD Assoc Prof Ruminant Nutr 3H H GILMAN BS Assoc Prof Conserv 123R M KOCH PhD Prof Beef Brdg
3D J KUBICK MS Ass∞ Prof Dairy
23L ELUCAS PhC Prof Swine Brda **5**H J GORZ PhD Prof Sweetclover 2P H GRABOUSKI BS Asst Prof Outstate Testing 12F A HASKINS PhD Prof Biochem Genet 123P # MANDIGC Phi: Assoc Prof Meats 2R W HELSING BS Fdn Seed
2J L HUGHES MA Instr Castorbeans 3C W NIBLER MA Prof Emer Dairy 123F G OWEIN PhE Prot 12E R PEO Jr PhD Prof Swine Nutr 5J L HULTQUIST BS Instr Sorghum Physiol **5**V A JOHNSON PhD Prof Winter Wheat 12M M PLUM PhT Prof 5W R KEHR PhD Prof Alfalfa 5W W ROWDEN MS Assoc Prof USMARC 34DELNO KNUDSEN MS Asst Prof Soil Testing 5R L SAMPSON BS Instr USMARC Cattle Oper Mgr 2R F KOENIG MS Instr Sorghum Brdg 7B J KROEZE BS Instr Crop Impr 3T L SCHRICK BS Instr Swine 12A B SCHULTZE PhD Assoc Prof Physiol 7D W LANCASTER MS Assoc Prof Crop Impr 2W L TOLMAN BS Asst Prof Beef Cattle 12T L LAVY PhD Asst Prof Weed Sci 12P E VIPPERMAN PhD Asst Prof Swine Nutr 2D T LEWIS MS Instr 12J K WARD PhD Assoc Prof Beef Nutr 13R B WARREN MS Assoc Prof Anim Eval and Horses 5D L LINSCOTT MS Instr 2L D MADDUX MS Instr Soils 3D C WILLIAMS Jr MS Assoc Prof Gen Livestock 2J W MARANVILLE PhD Asst Prof Sorghum Physiol 12W R WOODS PhD Prof Beel Nutr 2P J MATTERN MA Assoc Prof Cereal Quality 120 R ZIMMERMAN PhD Assoc Prof Physiol 12A P MAZURAK PhD Prof Soil Phys
15T M McCALLA PhD Prof Soil Microbiol Biochemistry and Nutrition 5M K McCARTY PhD Assoc Prof Weed Sci 12R L BORCHERS PhD Prof and Chmn of Dept (402-1D P McGILL PhD Prof Crops
5L N MILLS MS Instr Soils
2R N MILLS MS Asst Prof Fdn Seed 472-2943) 12C W ACKERSON PhD Prof Emer Anim Nutr 12J M DALY PhD Prof Intermed Metab **3W** J MOLINE PhD Assoc Prof Ext Forages **23R** S MOOMAW MS Asst Prof Crops 12RICHARD DAM PhD Asst Prof Nutr Biochem 12R M HILL PhD Assoc Prof Protein Biochem 12M ROSALIND MORRIS PhD Prof Cytogenet 12R V KLUCAS PhD Asst Prof Sorghum and Nitro Metab 5L A MORROW BS Instr 5L C NEWELL PhD Prof Grass Impr 23J T NICHOLS PhD Assoc Prof Range Spec 2P T NORQUIST MS Instr Sorghums 12H W KNOCHE PhD Assoc Prof Biochem 2R L OGDEN BS Asst Prof Alfalfa Proc 12R M SANDSTEDT MS Prof Emer Cereal Chem 2F W WAGNER PhD Asst Prof Enzymes 12R A OLSON MS Prof Soil Fert 3E J PENAS MS Area Ext Spec Soils Economics (Agr) 12G A PETERSON PhD Asst Prof Soils 123GLEN VOLLMAR PhD Prof and Chmn of Dept (402-23G W REHM PhD Asst Prof Soils 472-3404) 23L R ROBISON PhD Prof Weed Sci 12DALE ANDERSON PhD Asst Prof 2W M ROSS PhD Prof Sorghum Breeding 3C L ASHBURN BS Assoc Prof Area Spec 12M E BAKER PhD Assoc Prof 23L L BITNEY PhD Asst Prof Farm Mat 23D H SANDER PhD Assoc Prof Soils 12J W SCHMIDT PhD Prof Small Grains 5G E SHUMAN MS Instr 6JIBUCY MS Ext Ass∞ TVA 5D E SMIKA MS Asst Prof 5H W DELVC MS Instr Farm Mat 12R C SORENSON PhD Asst Prof Soil Fert 2TOMO AKI TAIRA MS Instr 3D D DUEY MS Asst Ext Agr (Area Spec)
12A W EPP PhD Prof Farm Mgt 2J S WEBSTER MS Asst Prof 23B E EVANS PhD Asst Prof Econ Devlpmt 2G A WICKS MS Asst Prof Weed Control 12L K FISCHER PhD Prof 23R A WIESE PhD Assoc Prof Ext Soils 123J D GREER BS Asst Prof Farm Mgt 12J F WILLIAMS PhD Assoc Prof Chemurgic Crops 12J B HASSLER PhD Prof Mktg and Price Anal 6D L HELGSON MS Instr ERS Mktg
12G A HELMERS PhD Assoc Prof Farm Mgt Prod Econ Animal Science 6420 123F H BAKER PhD Prof and Chmn of Dept (402-472-23P A HENDERSON PhD Prof Farm Mgt 2551) 5R D JOHNSON MS Instr Farm Mgt 12C H ADAMS PhD Assoc Prof Meats 12J G KENDRICK PhD Prof Mktq 23W T AHLSCHWEDE PhD Asst Prof Swine 6J C KRAMER MS Ext Assoc TVA 123M A ALEXANDER MS Prof Emer Sheep 5% F LAGRONE MS Assoc Prof Prod Econ 12R D APPLEMAN PhD Assoc Prof Dairy Brdg and Mgt 3P E MILLERMS Assoc Ext Agr (Area Spec) 12V H ARTHAUD MS Asst Prof Meats and Brdg 5JOHN MUEHLBEIER MS Prof Land Econ 12M L BAKER DS Prof Emer Beef Nutr 12C T BLUNN PhD Prof Genet 23R E PERRY MS Assoc Prof (Area Spec) 3E E PETERSON PhD Prof Econ 23D C CLANTON PhD Prof Anim Sci 6W N SUTHERLAND PhD Ext Assoc TVA 23P H COLE MS Assoc Prof Dairy
5L V CUNDIFF PhD Assoc Prof Regional Beef Brdg 123M STURNEE PhD Assoc Prot Mktg and Prod Econ 23A CALLMAN PhD Asst Prof Livestock Mktg Invest Ldr 2P J CUNNINGHAM PhD Asst Prof Swine Brdg 2D M DANIELSON PhD Assoc Prof Swine

Editorial 23R J GRAHAM BA Prof and Chmn of Dept (402-472-2821)

23T B BARE MA Asst Prof Radio and TV Spec 1Mrs VIRGINIA BOOK MA Instr in Inform 3DeLORIS CLOUSE MS Asst Prof Pub Art

3D D DEARBORN MS Instr Beef Brdg

123T H DOANE PhD Assoc Prof Sheep

25G E DICKERSON PhD Prof Genet USMARC

2E FELLINGTON PhD Assoc Prof Physiol

NEBRASKA 6490-6545

Editorial-Continued

123J P HOLMAN MS Assoc Prof Expt Sta Ed

1Mrs ANNE JOHNSON BS Instr Inform

23G I JOHNSON AB Asst Prof

3D B LUTZ MS Assoc Prof

123J H McLAUGHLIN BA Asst Prof Radio TV

3Mrs MARCIA PEARSON AB Instr Inform 23J L PETERS MS Asst Prof Inform

23Mrs JANET POLEY BS Instr Inform

13G S ROUND BS Dir of Univ Public Relatand Prof of Inform

3M B STEWART MA Assoc Prof Vis Aids

Education (Aar)

12J T HORNER EdD Prof and Chmn of Dept (402-472-2807)

2C A CROMER EdD Asst Prof

12H W DEEMS EdD Prof Emer 123R D DILLON EdD Assoc Prof

13R J FLORELL EdD Asst Prof

23A E LUTZ EdD Assoc Prof

12M G McCREIGHT MS Assoc Prof

12R L PETERSON MS Asst Prof

1B J SIMINOE MS Instr

23C L STONECIPHER PhD Assoc Prof

23C J WARD PhD Assoc Prof

12U E WENDORFF MS Assoc Prof

12D G ZIKMUND MS Instr

Engineering (Agr) **4510**

123W E SPLINTER PhD Prof and Chmn of Dept (402-472-2824)

3D D AXTHELM MA Assoc Prof Water Resources Spec

120 E CROSS PhD Assoc Prof Farmstead Engin

12J A DeSHAZER PhD Assoc Prof Livestock Facility
12D M EDWARDS PhD Assoc Prof Natural Resources

23P E FISCHBACH MS Prof Irrig

23W F FISHER MS Asst Prof Area Spec

7A L HOLLISTER BS Instr

3D E LANE MS Asst Prof Power and Mach

12L F LARSEN MS Prof Tractor Testing

5.J. C.L.ORIMOR BS Instr Soil and Water Conserv

12D M MANBECK PhD Assoc Prof

3H R MULLINER BS Assoc Prof Area Spec
2M M MUMGAARD BS Asst Prof Tractor Testing

SO NELSON MS Assoc Prof Prod Proc

12G M PETERSEN MS Assoc Prof Farm Structures
3R D SCHNIEDER MS Assoc Prof Safety Spec

23B R SOMERHALDER MS Assoc Prof Natural Resources

3J C STEELE BS Assoc Prof Soil and Water Conserv

12G W STEINBRUEGGE MS Prof Land Locomotion

5L E STETSON MS Instr 5N P SWANSON BS Asst Prof

12T L THOMPSON PhD Assoc Prof Mater Handling

12K L VON BARGEN PhD Assoc Prof Mater Handling

12S A WEEKS MS Instr Power and Mach

12U E WENDORFF MS Assoc Prof Farm Mech
12H D WITTMUSS PhD Assoc Prof Natural Resources

Entomology 6520

123E A DICKASON PhD Prof and Chmn of Dept (402-472-2124)

3L W ANDERSEN MS Asst Prof

12H J BALL PhD Prof Ins Physiol and Toxicol

2GL BELAND MS Instr

5J H BELL BS Res Assoc Grasshopper Control

23J B CAMPBELL PhD Asst Prof Livestock Ent

23A F HAGEN MS Asst Prof Econ Ent 12T J HELMS PhD Asst Prof Morphol and Histopath

12R E HILL PhD Prof Ecol

5C M JONES MS Res Assoc Livestock Ent 3D L KEITH MS Instr Ent

2S D KINDLER PhD Asst Prof for Ins Invest 5G R MANGLITZ PhD Assoc Prof Forage Ins Invest

2J D MUNSON MS Instr Com Ins 12K P PRUESS PhD Assoc Prof Econ Ent

Entomology-Continued

3R E ROSELLE MA Prof Ext Ent 2J M SCHALK MS Instr Forage Crop Ins

12ROBERT STAPLES PhD Assoc Prof Ins and Plant Dis Relat

Extension Administration

6500

6530

3E W JANIKE BS Prof and Dean of Ext 3J L ADAMS PhD Assoc Dean and Dir Agr Ext

3W M ANTES BS State Ldr 4-H Clubs and YMW 3AGNES L ARTHAUD MS Asst Dir Ldr Home Ext

13R J FLORELL EdD State Ldr Ext Studies and Trng 3ALMA M JORN AB Dist Supvr Home Ext

3G H KROHN MS Assoc State Ldr 4-H and YMW
13A E LUTZ EdD State Ldr Prog and Rpts

3JO ANN LUZIO BS Asst State Ldr 4-H and YMW

3J D ORR EdD Assoc State Ldr 4-H and YMW

3V H PETERSEN BS Dist Supvr

3MARY RUTH RAPP DPA Dist Supvr Home Ext

123ESRAUN PhD Assoc Dir of Agr Ext

3L F. RUDMAN BS Assoc State Ldr 4-H Clubs and YMW

3ETHEL H SAXTON MS Dist Supvr Home Ext

3K G SCHMIDT MS Assoc State Ldr 4-H Clubs and YMW 3ELAINE M SKUCIUS MA Assoc State Ldr 4-H Clubs

123W E SPILKER BS State Ldr Finance
3P S SUTTON MS State Ldr Personnel

and YMW

3ROBERTA E SWARD MS Assoc State Ldr Home Econ 3DONALD SWOBODA MS Ext Admin Asst

Food Science and Technology 6540

123T E HARTUNG PhD Prof Chmn of Dept (402-472-2831)

123R G ARNOLD PhD Asst Prof Food Chem 12H M BARNHART MS Instr Food Sci

2L B BULLERMAN PhD Asst Prof Food Toxins

12L K CROWE PhD Prof Emer Food Technol
12H P D AVIS PhD Prof Emer Dairy
12P A DOWNS PhD Prof Emer Dairy

123T A EVANS MS Assoc Prof Food Mktg

12R B MAXCY PhD Prof Microbiol

12L D SATTEFLEE PhD Asst Prof Food Chem

12K M SHAHANI PhD Prof Food Chem

Home Economics, College of

FAMILY ECONOMICS AND MANAGEMENT 123G D HANSEN PhD Assoc Prof and Dept Chmn (402-472-2913)

1LORAINE BRANDT MS Asst Prof

3VALERIE KEHM MS Instr 12DOROTHY LARERY PhD Prof

3MARY D McGREGOR MS Ext Spec Housing 1Mrs LOIS D SCHWAB EdD Assoc Prof

12FLORENCE WALKER PhD Assoc Prof

1MARY M WHAN MS Asst Prof

FOOD AND NUTRITION

123Mrs HAZEL FOX PhD Prof and Chmn of Dept (402-472-2922)

3ETHEL DIEDRICHSEN MS Asst Prof

1Mrs ELINOR KERRY MS Instr

12CONSTANCE KIES PhD Prof 12MARIE KNICKREHM PhD Prof Inst Admin

12PAULINE PAUL PhD Prof

1Mrs MARIE E PENNER MS Asst Prof

12CELINE SIMON MS Instr

HOME ECONOMICS EDUCATION

12SHIRLEY KREUTZ EdD Assoc Prof and Actg Dept Chmn (402-472-2923)

12HAZEL CRAIN MEd Asst Prof

1Mrs MELINDA HOLCOMBE MS Assoc Prof

12LEORA N HORNING MS Assoc Prof

HUMAN DEVELOPMENT AND THE FAMILY

123JOHN WOODWARD PhD Prof and Chmn of Dept (402-

472-2912) 3HELEN BECKER BS Assoc Prof

12RUBY GINGLES MS Prof

1Mrs PATRICIA KNAUB MS Instr

6545

6545-6590 NEBRASKA

Home Economics, College of-Continued	Veterinary Science 658
12Mrs VIOLET KALYON MASIH PhD Asst Prof	123M J TWIEHAUS MS DVM Prof and Chmn of Dept (402-
1Mrs HELEN E SMITH EdD Prof	472-2952)
1Mrs HELEN C SULKE MA Assoc Prof	2R E COUPE BS Instr SPF Swine
1Mrs SALLY VAN ZANDT MA Asst Prof	1J W DUNN DVM Instr Post Doctoral
12Mrs JACQUELINE H VOSS EdD Asst Prof	2DL FERGUSON PhD Assoc Prof Parasitol
12Mis DACQUILLING IT VOOD Edit - Asst From	120 D GRACE MS DVM Prof Diagnostic Lab
TEVELLES OF OPHING AND DEGICAL	
TEXTILES CLOTHING AND DESIGN	2C M HIBBS PhD Assoc Prof Vet Diagnosis
123AUDREY NEWTON PhD Prof and Chmn of Dept (402-	3E C HOWE DVM Assoc Prof Emer
472-2911)	2J W KMOCH DS Asst Instr SPF Swine
1R C HILLSTAD MS Asst Prof	2C L MARSH PhD Prof Biochem
1Mrs BARBARA LAGING MS Asst Prof	12C A MEBUS DVM PhD Prof Path
IVILETTA LEITE MS Assoc Prof	12R M NAKAMURA DVM PhD Assoc Prof Cattle Dis
3GERDA PETERSEN MS Prof	2K C OLSON BS Instr SPF Swine
3MAGDALENE PFISTER MS Assoc Prof	12L C PAYNE PhD DVM Prof Physiol
12PATRICIA SAILOR PhD Assoc Prof	2M B RHODES MS Instr Enzymol of Parasites
3H JANE SPEECE MS Asst Prof	2F. L STAIR Jr PhD Assoc Prof Anim Dis
	2N R UNI FRLAHL MS Prof Swine Dis
	2A B WELCH MS Virol Asst Instr Dis
Horticulture and Forestry 6550	2R G WHITE DVM Asst Prof Vet Sci
	Zh G White, DVW Asst Prof Vet Sch
123R B O'KEEFE PhD Assoc Prof and Actg Dept Chmn	D. J. Levis
(402-472-2854)	Regional Stations 659
12W T BAGLEY MS Assoc Prof For	Northeast Sta (Concord)
3E H BENSON BS Asst Prof For	23C J WARD MS Ass∞ Prof and Supt of Sta
SCE BOLDT MS Instr Hort	3MYRTLE ANDERSON BS Assoc Ext Home Econ
12D P COYNE PhD Prof Hort	23W F FISHER MS Asst Prof Area Spec
12E J KINEACHER PhD Assoc Prof Physiol	23R D FRITSCHEN MS Asst Prof Anim Sci
3K A LOERCH MS Assoc Prof For	3R J GAVIT BS Asst Prof For
3J L MOHLER BS Asst Prof Hort	3ANNA MARIE KREIFELS MS Assoc Ext Home Econ
3R T MONAHAN MF Asst Prof For	3D J KUBIK MS Assoc Ext Agr Dairy
124R ENEILEMS Asst Prof Hort	23R S MCOMAW MS Asst Prof Agron
3J E RANGE BS Asst Prof For	23G W REHM PhD Asst Prof Agron
5R A READ MF Assoc Prof For	3R F STOHLER MS Assoc Ext Agr
12N J ROSENBERG PhD Prof Physiol	3Mrs GLADYS STOUT BS Asst Ext Home Econ
123S S SALAC PhD Asst Prof	23W I. TOLMAN BS - Asst Prof Anim Sci
2C Y SULLIVAN PhD Assoc Prof	North Platte Sta (North Platte)
5D F VAN HAVERBEKE PhD Asst Prof For	23L F SHEFFIELD MS Supt of Sta
3W C WHITNEY BS Assoc Prof Hort	3W N BAXTER MS Dist Dir
123J O YOUNG PhD Prof and Chmn of Dept	23J B CAMPBELL PhD Asst Prof Livestock Ent
	3GTCHRISTOFF MS Instr For
	23D C CLANTON PhD Prof Anim Sci
Library 6555	2D M DANIELSON Ph! Assoc Prof Anim Sci
12W R COLLINGS MS BLS Senior Libr	2P H GRABOUSKI BS Asst Prof Agron Outstate
12W H COLLINGS MS BLS Senior Libr	
	Testing
	2 C M HIBBS PhD Assoc Prof Vet Diagnosis
Plant Pathology 6560	23J T NICHOLS PhD Assoc Prof Range Spec
123M G BOOSALIS PhD Prof and Chmn of Dept (402-472-	2P T NORDQUIST MS Instr Agron
2858)	23R E PERRY MS Ass∞ Prof (Area Spec)
2E M BALL PhD Assoc Prof Virus Dis	23J L PETERSMS Asst Prof Inform
5M. K BRAAKE PhD Prof Virus Dis	2M G RUMERY BS Assoc Prof Asst Supt
23E DKERR PhD Asst Prof	5D E SMIKA MS Asst Prof
5W G LANGENBERG PhD Asst Prof Virus Dis	2B R SOMERHALDER Assoc Prof Agr Engin
5GW PETERSON PhD Assoc Prof Tree Dis	2R D UHLINGER PhD Assoc Prof Hort For
2D R PRING PhD Post Doctoral Fellow Virus Dis	2RGWHITE DVM Asst Prot Vet Sci
2M L SCHUSTER PhD Prof Nematode Dis	
	2G A WICKS MS Asst Prof Weed Control
12J S SFMANCIK PhD Assoc Prof Virus Dis	Scotts Bluff F.xpt Sta (Mitchell)
2J R STEDMAN PhD Asst Prof	23LIONEL HARRIS MS Assoc Prof Supt of Sta
12JL VAN ETTEN PhD Assoc Prof Plant Physiol	23C I WALTERS BS Dist Dir and Asst Supt of Sta
2A K VIDAVER PhD Asst Prof Bact	3C L ASHBURN BS Actg Dist Dir
3J M WEIHING PhD Prof Plant Path	2F N ANDERSON MS Asst Prof Agron
3D SWYSONG PhD Assoc Prof Plant Path	23L A DAIGGER MS Assoc Prof Area Spec Soils
	23C R FENSTER BS Assoc Prof Crop Mgt
	2F A HAGEN MS Asst Prof Ent
Poultry Science 6570	3R H HATCH PhD Ass: Frei Anim Sci
123T W HARTUNG PhD Prof and Chmn of Dept (402-	3E UKERR PhD Asst Prof Plant Path
472-2052)	3Mrs HELEN KREYMBORG BS Assoc Ext Home Econ
7D H FREF BS Instr Poultry Impr	23D S NULL AND MS Asst Prot Veg Crops
123G W FRONING PhD Assoc Prof Poultry Prod	
23E W GLEAVES PhD Assoc Prof Poultry Nutr	5W F PETERSON MS Res Assoc Agron
	5H H SHULL MS Assoc Frof Agr Engin
12J R KINGAN MS Instr and Poultry Complex Supvr	2JASCN WEBSTER MS Asst Prot Agron and Mgr of Sta
12F B MATHER PhD Asst Prof	South Central Ext Headquarters (Clay Center)
12F E MUSSEHL MS Prof Emer	3C L STONECIPHER PhD Dist Dir
123T W SULLIVAN PhD Prof Poultry Nutr	3L R BARBER MS Ext For
123H L WIEGERS MS Assoc Prof Poultry and Wildlife Mat	3S D FARLIN PhD Asst Prof Livestock
	3P E MILLERMS Assoc Ext Agr (Area Spec)
	3H R MULLINER BS Dist Ext Irrig
Statistics 6576	University Field Lab (Mead)
12W M SCHUTZ PhD Prof Agron and Chmn of Statis Lab	2W W SAHS PhD Supt of Lab
(402-472-2903)	2F C HASTERT BS Facilities Maint Mgr
12R F MUMM PhD Ass∞ Prof Status ConsuIt	US Meat Anim. Res Center (Clay Center)

Regional Stations-Continued

5K DIGREGORY Fit. Prot of Anim. Set and Dir of Center 25G EIDICKERSON PhD Prof Genet

5% THOWOEN MO Assoc Projuind About to Litt 5R L SAMFOON Wo Instrict the Open Mar

NEVADA

The Max C. Fleischmann College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Nevada, Reno 89507 (Main tel 702-784-1110)

1College Staff 2Station Staff 3Extension Staff 5Cop USDA 6Cop USDC 9A-TR, M-S Program

6600

123N D HUMPHREY MS Chanc

123N E MILLER PhD Pres of Univ
1239D W BOHMONT PhD Dean of Col of Agr Dir of Agr Expt Sta Dir of Agr Ext (702-784-6611)

2R E ELY PhD Assoc Dir of Agr Expt Sta (702-784-6611)

1C H SEUFFERLE PhD Assoc Dean (702-784-6611)

3J F STEIN PhD Assoc Dir of Agr Ext (702-784-6611)

13PATRICIA A TRIPPLE PhD Assec Dean of Home Econ (702-784-6975)

Animal Science 6610

123V R BOHMAN PhD Prof Nutr and Chmn of Div (702-784-6644)

23H P ADAMS PhD Assoc Nutr and Ext Dairy Spec 12C M BAILEY PhD Assoc Prof Anim Genet

3W C BEHRUNS MS Ext Anim Sci

123E L DRAKE DVM Assoc Vet 12W D FOOTE PnD Prof Physiol

2J E HUNTER BS Asst Anim Sci

12D WIMARBLE I VM - Vet

Junior Anim Sci 2M B RADMALL BS

12T P RINGKOB FhL Asst Prof Meats

12C F SPETH VS - Asst Prof Anim Nutr

12R L TAYLOR DVM Assoc Vet

12H J WEETH PhD Prof Physiol

Biochemistry 6620

123C R HEISLFR PhD Assoc Prof Biochem and Chmn of Div (702-784-6911)

12W H ARNETT PhD Assoc Prof Ent

12C R BLINCOF Pr.D Prof Biochem

12J W CALLISTER MD Adjunct Prof Clin Path 12D C FLETCHER PhD Prof Blochem

3R W LAUDERDALE BS Ent Assoc

12R A LEWIS PhD Asst Prof Brochem 12R J MORRIS PhD Prof Biochem

12R S PARDINI PhD Asst Prof Biochem

23B R PAYNE MS Asst Prof Biochem

3H G SMITH PhD Pest Spec 12W H WELCH FhD Asst Prof Biochem

12TERRY WOODIN PhD Asst Prof Brochem

Communications Service (Agr)

23E A FOWELL, MA Spec in Chg (702-784-6731)

23L M KIRK BS Inform Spec

23D H MATHIS BA Inform Spec

23W K SONNEMANN Jr BA Inform Spec

Agricultural and Resource Economics

6640

6630

123J W MALONE Jr PhD Ass∞ Prof Agr Econ and Chmn of Div (702-784-6701)

13E R BARMETTLER PhD Prof and Ext Econ

3D E BRIX BS Lect and Ext Econ.

12W O CHAMPNEY PhD Asst Prof Agr Econ

3L C CHRISTENSEN MAgr Com Devlpmt Econ

12S G DETERING MS Lect and Production Econ 12J R GARRETT PhD Asst Prof Agr Econ

123Mrs MABEL L HARTLEY BA Asst Prof Agr Econ

Agricultural and Resources Economics-Continued

12YO KOH PhD Assoc Prof and Statis

2H C LITTLE PhD Water Resource Econ

12J G MCNEELY Jr PhD Asst Prof Agr Econ

3W R THIEM BS Recreation and Resource Devlpmt Spec 12W C WILSON PhD Lect and Resource Econ

4-H Club 6645

3R C COX MS 4-H Club Ldr and Admin Asst

Home Economics, Sarah Hamilton Fleischman School of

6660

13PATRICIA A TRIPPLE EdD Assoc Dear. (702-784-6975:

12PHYLLIS ACOSTA DrPH Assoc Prof Foods and Nutr 13MILDRED AMIS MS Instr Cloth and Text

1Mrs ANN M CATTELAIN MS Asst Prof Foods and Nutr

12R DALY EdD Assoc Prof Child Devlpmt and Fam Relat

13Mrs HAZEL I HARDY MS Asst Prof Child Devlpmt 12MARILYN J HORN PhD Asst Dir Expt Sta (Home Econ) and Prof (702-784-6977)

1Mrs JEANNIE M KRAMER MS Instr Fashion Trades 123Mrs CATHERINE C LOUGHLIN MA Ext Spec and

Assoc Prof Fam Econ 1BARBARA MALONE MS Asst Prof Child Devlpmt

12Mrs BARBARA J MARGERUM MS Asst Prof Cloth Text 1ARLEEN OTTO EdD Prof Home Econ Educ

13Mrs MARSHA H READ MS Instr Home Econ 3Mrs MARJORIE STEVENSON MS Ext Spec

1Mrs JOANNE N TAYLOR BS Instr Food Serv Mgt

Library, College 6670

12Mrs MAURICA G OSBORNE MILS Libr (702-784-6616)

Plant Soil and Water Science 123R A YOUNG PhD Prof Soil Sci and Chmn of Div (702-

784-6947) 2E B ALEXANDER Jr PhD Assoc Soil Sci

23VERA M BERT MS Junior Plant Path

12H P CORDS PhD Prof Weed Sci and Cereal Crops

15R M DIXON PhD Adjunct Assoc Prof Soil Phys and Res Soil Sci and Field Sta Ldr (ARS)

12R O CIFFORD PhD Assoc Prof Soil Phys

3H R GUENTHNER PhD Asst Agron

12J C GUITJENS PhD Asst Prof Irrig Engin

1JE HOWLAND PhD Adjunct Prof Hort

150 J HUNT PhD Adjunct Prof Plant Brdg and Res Agron (ARS)

12E H JENSEN PhD Prof Forage Crops

3C N MAHANNAH MS Ass∞ Irrig Spec 123J E MAXFIELD PhD Asst Prof Plant Path

5R N PEADEN MS Res Agron (ARS)

12F F PETERSON PhD Assoc Prof Soil Morphol and Classif

123R L POST MS Asst Prof Hort

12R H RUF Jr PhD Assoc Prof Hort

16C M SAKAMOTO PhD Adjunct Asst Prof Bioclimatol and State Climatol (ESSA)

15D M STUART PhD Adjunct Assoc Prof and Res Soil Sci (ARS)

2C W WORM Jr BS Junior Agron

Renewable Natural Resources

6685

12C M SKAU PhD Assoc Prof of Watershed Mgt and Chmn of D₁v (702-784-6763)

13J L ARTZ MS Ext Range Spec

2W H BLACKBURN MS Junior Range Ecol

2A D BRUNER MS Junior Range Ecol 125R E ECKERT PhD Adjunct Prof Range Sci and Res Range Sci (ARS)

125R A EVANS PhD Adjunct Prof Range Sci and Res Range Sci (ARS)

12D J JAGER MS Lect and Res Asst in Watershed Mgt

125R O MEEUWIG PhD Adjunct Assoc Prof Watershed Mgt and Soil Phys (USFS)

12E L MILLER MS Asst Prof For and Recreation

12J H ROBERTSON PhD Prof Range Sci and Range Ecol

Renewable Natural Resources-Continued 6730 Biochemistry 12E J HERBST PhD Prof Biochem and Chmn of Dept 12C S SALADINO II MS Asst Prof of Recreation Environ Design (603-862-2474) 12P T TUELLER PhD Assoc Prof Range Sci and Assoc 12D M GREEN PhD Prof Biochem Genet 12MIYOSHI IKAWA PhD Prof Biochem Range Ecol 12J E WOOD PhD Prof Wildlife Mat
125J A YOUNG PhD Adjunct Asst Prof of Range Sci and 12G L KLIPPENSTEIN PhD Asst Prof Phys Biochem 12J A STEWART PhD Asst Prof Devlpmt Biochem 12A E TEERI PhD Prof Biochem Res Range Sci (ARS) 6740 Industrial Mechanics Division 6688 1L P HERNDON EdD Assoc Prof and Chmn of Div 1M K BIGGS MS Instr Cell Physiol 12A L BOGLE PhD Asst Prof Plant Anat Morphol
12T E FURMAN PhD Assoc Prof Ecology
12A R HODGDON PhD Prof Plant Taxon (702-784-6600)14T A BUTLER MA Assoc Prof Agr Mech 1H H CHRISTENSEN PhD Assoc Prof and Res Spec 1A C MATHIESON PhD Assoc Prof Phycol 1234L A MCF ADDEN PhD Prof Plant Path 1R E SQUIRES MS Assoc Prof and Prof Aar Educ 1H F MULLIGAN PhD Assoc Prof Aquat Ecol
12W H PAWUK MS Instr Plant Path
12A E RICH PhD Prof Plant Path 6690 Field Laboratories Main Station Field Lab (PO Reno 89502) 12R W SCHREIBER PhD Prof Plant Cytol 2R D BUTLER MS Supt Central Nevada Field Lab (PO Austin 89310) 5A L SHIGO PhD Adjunct Assoc Prof Plant Path 2M J SHARP BS Supt 6760 Knoll Creek Field Lab (PO Jackpot 89825) Editorial 123H W CORROW Jr BJ Ext Ed 2C R TORELL MS Supt Newlands Field Lab (PO Fallon 89406) 123L F HEALD BA Pub Ed 34Mrs JOAN A PETERS MS Asst Prof Home Econ and 2J A MCCORMICK MPA Supt Pahrump Field Lab (PO Clark Co Ext Off Las Vegas Ext Ed (Home Econ) (On leave Sept 1, 1970-Aug 31, 1971) 89101) 23R A MADSEN MS Supt Southern Nevada Field Lab (PO Logandale 89021) Education (Agr): 6770 1W H ANNIS EdD Assoc Prof Agr Educ (603-862-1452) 2G D ROBISON PhD Supt 23C L MILLS MS Junior Hort 23T A REEVE MS Junior Agron 6780 Entomology: 12R L BLICKLE PhD Prof Ent and Acting Chmn Dept (608-862-2300) 12J G CONKLIN PhD Prof Ent and State Ent 13G T FISHER PhD Asst Prof Ent and Ent 12R M REEVES PhD Asst Prof For Ent NEW HAMPSHIRE 6790 College of Life Sciences and Agriculture and the Extension Administration: 3ISABEL DODRILL MA Assoc Prof Home Econ and Agricultural Experiment Station and Cooperative Extension Service of the University of New Hampshire, Durham 03824 Ext Home Econ State Ldr 3M L GOSS MA Prog Spec 4-H Youth Devlpmt (Main tel 603-862-1234) 3JESSE JAMES MS Assoc Prof Agr Educ and State 1College Staff 2Station Staff 3Extension Staff 4-H Club Ldr 4Leave of Absence 5Coop USDA 9A-TR, M-S Program 3RHODA PECK MS Asst Prof Home Econ and Prog Spec 4-H Club Ldr 3R A STEVENS BS Prog Spec 4-H Youth Devlpmt 6700 6820 1J W McCONNELL PhD Pres Home Economics: 1E S MILLS PhD Acad Vice Pres 12MARJORY A WYBOURN EdD Prof Home Econ Educ 1R N FAIMAN PhD Vice Pres for Res and Chmn Dept (602-862-2146) IN W MYERS BS Vice Pres-Treas IL C BOEHME MS Instr Cloth Text 1239H A KEENER PhD Dean of Col of Life Sci and Agr and Dir of Sta (Tel Area Code 603-682-1450) 3RUTH E DAVIS MA Assoc Prof Human Relat and Child Devlpmt 1E O GOODMAN Jr EdD Assoc Prof Fam Relat 12M C RICHARDS PhD Assoc Deam of Col of Life Sci and Agr (Tel Area Code 603-862-1450) 1Mrs VIRGINIA W GRIEWANK BS Instr Child Devlpmt 1MARY E HOLDER MS Assoc Prof Home Mgt 3S W HOITT MS Dir Coop Ext Serv (Tel Area 603-862-3Mrs SYLVIA H MARPLE MS Asst Prof Foods and Nutr 1.5201 IV R MESSIER MS Instr Human Devlpmt Fam Life 34Mrs D ANNE NICKERSON BArch Ext Home Econ Home 6720 Mgt (Leave Sept 1, 1970 Aug 31, 1971) **Animal Sciences** 123W C SKOGLUND PhD Prof Poultry Mgt and Chmn of 3DOROTHY C O'DONNELL MS Assoc Prof Relat Art 1M ELIZABETH RAND MEd Assoc Prof Child Devlpmt Dept (602-862-2131) 1E A SNELL PhD Assoc Prof Home Econ Educ 12F E ALLEN DVM Prof Vet Sci 1J L SPANGENBERG PhD Assoc Prof Fam Relat 13C H BOYNTON PhD Prof Dairy Mgt 1Mrs JANET C BRIGGS BS Lect Light Horses 12W M COLLINS PhD Prof Poultry Genet 12N F COLOVOS MS Prof Anim Nutr Institute of Natural and Environmental Resources 6825 1230 F HALL PhD Prof For Mgt and Dir of Inst (603-12A C CORBETT DVM Assoc Prof Avian Path 12W R DUNLOP DVM Prof Path 862-1020) 3T P FAIRCHILD PhD Asst Prof Dairy Brdg 12GENE FULLER PhD Asst Prof Physiol 12R A ANDREWS PhD Assoc Prof Res Econ SE TBARDWELL BS Coop Agt Poultry Mktg 3F BBARKERBS Environ Qual Spec 12J B HOLTER PhD Assoc Prof Dairy Nutr 12J P BARRETT PhD Assoc Prof For Mensuration 12J T O'CONNOR VMD Assoc Prof Light Horse Spec 12R C RINGROSE PhD Prof Poultry Nutr 123J R BOWRING PhD Prof Com Devlpmt 13G L SMITH MS Assoc Prof Meats 12S C SMITH PhD Assoc Prof Biochem 12P E BRUNS PhD Prof For Mgt 12G L BYERS MS Prof Agr Engin and Chmn Water Re-

sources Res Ctr

12C T K CHING PhD Asst Prof Land Use

12R G STROUT PhD Prof Parasitol
2L L STACKHOUSE Asst Prof Vet Path

Institute of Natural and Environmental Resources-Continued

IWH DREW Prof Res Econ and Assoc Dean Grad Sch Coord of Res

10 B DURGIN MA Assoc Prof Rural Social

3NICOLAS ENGALICHEV MS Assoc Prof For Prods Mkta

12B B FOSTER PhD Assoc Prof For Mat

5G T FRICK MS Adj Prof Farm Mgt

12H E GAUDETTE PhD Assoc Prof Geol and Soil Mineral

12G W GEE PhD Asst Prof Soil Phys

124F F. HALL PhD Assoc Prof Hydrol (Leave Sept 1, 1970-June 30, 1971)

12R D HARTER PhD Asst Prof Soil Chem

12W F HENRY MS Prof Res Econ and Chmn Res Devlpmt Ctr

12J L HILL DF Assoc Prof For Prods
124H W HOCKER Jr DF Assoc Prof Silvic (Leave Feb 1, 1971-July 31, 1971)

123E F JANSEN PhD Assoc Prof Res Dvelpmt

5W B LEAK MF Adj Asst Prof For Mgt
5N L LeRAY EdD Adj Assc Prof Rural Sociol
12W W MAUTZ PhD Asst Prof Wildlife Mgt

13S B NOTT PhD Asst Prof Farm Mgt
12D P OLSON PhD Assoc Prof Wildlife Mgt

12N K PETI RSON PhD Ass∞ Prof Soil Chem

5R S PIERCE PhD Adj Assoc Prof Watershed Mgt

5E J SCHREINER PhD Adj Prof For

3R P SLOAN MPA Asst Prof For Mgt

1240 P WALLACE Sr PhD Assoc Prof For Econ (Leave Febl, 1971-June 30, 1971)

3S B WEEKS BS Assoc Prof Res DevIpmt

12R R WEYRICK PhD Assoc Prof For Mgt

Microbiology:

6830

12W P. CHESBRO PhD Prof Microbiol (603-862-2250)

6840 Plant Science:

123L C PEIRCE PhD Prof Genet of Hort Crops and Chmn

of Dept (603-862-I205) 12G M DUNN PhD Prof Forage Genet

12G O ESTES PhD Asst Prof Plant Physicl

123C L LANGER PhD Prof Pomol

12J B LOY PhD Asst Prof Physiol Genet

3J R MITCHELL PhD Assoc Prof Forage Crops
12J E POLLARD PhD Asst Prof Plant Nutr

120 M ROGERS PhD Assoc Prof Genet Ornam

12D G ROUTLEY PhD Prof Plant Chem

30 S WELLS PhD Asst Prof Veg Prod

Thompson School of Applied Science 6855

IR H BITTNER PhD Assoc Prof Applied Sci and Dir Thompson School of Applied Science (603-862-1025)

IR S ALONZO MBA Asst Prof Food Serv Mgt

1G M BATCHELDER MSCE Ass∞ Prof Civil Technol

and Adj Assoc Prof Civil Engin

1J C BOZAK Jr MF Asst Prof For Tech

1C H J BREEDING MS Assoc Prof Soils

IJ A DODDS MAgrEd Assoc Prof Dairy Sci IALBERT GILE MS Asst Prof Agr Engin

1P A GILMAN MS Assoc Prof Agr Engin

IR H GRANGER MS Assoc Prof Agr Bus and Asst to Dir

1M E JENKINS MSF Assoc Prof For Technol 1R C KENNEDY MS Prof Hort

1J A LEAHY Jr BS Instr Plant Sci

14J D SILVA MA Asst Prof Commun (Leave Sept 1, 1970-Aug 31, 1971)

1F P SINGER MS Asst Prof For Tech 1J R STORMS MS Assoc Prof Food Serv Mgt

ፈጻፈስ Miscellaneous;

12E P BOOSKA MAgrEd Asst to Dean

2H A DAVIS MS Assoc Prof Anal Serv

3P J FENTON MS Asst to Dir Coop Ext

12L H HEIDGERD PhD B: Libr

12W E URBAN Jr PhD Assoc Prof Biomet and Statis (Leave Sept 1, 1970-Aug 31, 1971)

NEW JERSEY

College of Agriculture and Environmental Science, New Iersey Agricultural Experiment Station, Rutgers University, The State University of New Jersey, New Brunswick 08903 (Main tel 201-247-1766)

1College Staff 2Station Staff 3Extension Staff 4Leave o: Absence 5Coop USDA 7Coop USDC 9A-TR, M-S Program

6870

1M W GROSS PhD LLD Pres

1R SCHLATTER PhD Provost

1J L SWINK MBA Vice Pres and Treas

1231. GMERRILL. Jr PhD Dean of Agr (201-247-1766 Ext 1447)

27 A MACLINN PhD Dir of Sta and Assoc Dean (201-247-1766 Ext 1867)

129D J BURNS PhD Assoc Dir of Sta (201-247-1766 Ext 1867)

12R H WHITE-STEVENS PhD Asst Dir of Sta (201-247-1766 Ext 1447)

12H E BESLEY MS Asst to the Dir (201-247-1766 Ext 1867)

2R E MATHER PhD Asst to the Dir (201-247-1766 Ext 1486)

3.J L GERWIG PhD Dir of Ext Serv in Agr and Home Econ and Assoc Dean (201-247-1766 Ext I 30**6**)

3M V ADAMS PhD Agr Ext Spec Ldr

3A M HOVLAND MEd Asst Dir of Ext (201-247-1766 Ext 1307)

IR H MERRITT PhD Dir of Res Instr and Assoc Dean

(201-247-1766 Ext 1465) 1R R LOCANDRO MS Asst Dir of Res Instr (201-247-

1766 Ext 1465) 1T J CONCANNON Jr BS Asset to Dir of Res Instr (201-247-1766 Ext 1465)

IWESTERVELT GRIFFIN EdD Asst Dean of Col of Agr (201-247-1766 Ext 1848)

IR F DAWSON PhD Dir of Internatl Prog (201-247-1766 Ext 1760)

IWILLIAM WHIPPLE, Jr CE Dir Water Resources Res Inst (201-247-1766 Ext 1817)

Agricultural Communications

6880

123C J TELLER BS Dir and Head of Dept (201-247-1766 Ext 1327)

3Mrs JANE I BAINBRIDGE BS Supvr II

3STEPHEN BRYNES BS Publ Assoc

2A E CARNES BS Assoc Ext Spec Pubs

13M D KIRKLAND BS Assoc Spec

3Mrs BAREARA NADEL BA Ed Asst

3W C REED MA Supvr I

13S C STABE Assoc Spec Vis Aids

12H R STANTON AB Assoc Dir Agr

Animal Science

6890

12J P MIXNER PhD Res Prof and Head of Dept (201-247-1766 Ext 1702)

2E V ADAMS PhD Assoc Prof Virol 3JOHN BEZPA BS Ext Spec Poultry Husb

2J J DOWLING BS Assoc Res Prof Poultry Husb

2M E FLLIOTT PhD Res Prof Nutr

12J L EVANS PhD Assoc Prof Nutr

2R L GILBREATH PhD Asst Prof Meat Sci

12JOHN GRUN PhD Prof of Parasitol

2A J HACKETT PhD Asst Prof Anim. Physiol 30 F HARPER MS Assoc Ext Spec Horse Mgt

3F W KINGSBURY DVM Assoc Ext Spec Poultry Sci

3D M KNIFFEN MS Assoc Ext Spec Anim Husb 2IVAN KUJDYCH DVM Assoc Res Prof Path (PO

Vineland)

12R E MATHER PhD Prof of Dairy Husb

2J J McGRATH PhD Arst Prof Physiol

12R G MITCHELL PhD Prof Anim Genet

3E T OLESKIE BS Ext Spec Dairy Sci 12C H RAMAGE PhD Prof Nutr

12R P REECE PhD Res Prof Physiol

6890–6980	EW JERSEY			
Animal Science—Continued	Entomology and Economic Zoology—Continued			
12ENRIQUE SANTAMARINA DVM PhD Assoc Res Pr	rof 12L E HAGMANN PhD Res Prof			
Path	12E J HANSENS PhD Res Prof			
120TTO SCHWABE DVM Assoc Res Prof Anim Path	12W R JENKINS PhD Res Prof			
12R L SQUIBB PhD Prof Anim Nutr	12D M JOBBINS MS Res Prof			
12P D STURKIE PhD Res Prof Physiol	3R R KRINER PhD Ext Spec Pest Coord			
12D C TUDOR DVM Res Prof Anim Path	2G M MARKEL BS Res Assoc			
12G W VANDER NOOT MEd Prof Anim Husb	23P E MARUCCI BS Res Prof			
3FRANK WRIGHT MS Ext Spec Dairy Husb	2L G MERRILL Jr PhD Prof			
	2R F MYERS PhD Asst Res Prof			
•	900 3S R RACE Jr PhD Ext Spec			
12J D MacMILLAN PhD Assoc Prof and Head of Dept				
(201-247-1766 Ext 1763)	12J B SCHMITT PhD Res Prof			
1A D ANTCINE PhD Asst Prof	12J D STEWART MS Res Assoc			
2RICHARD BARTHA PhD Assoc Res Prof 2THEODORE CHASE Jr PhD Asst Prof	12H T STREU PhD Assoc Res Prof 12D J SUTHERLAND PhD Res Prof			
12H E CLARK PhD Res Prof Plant Physiol	12F C SWIFT PhD Assoc Res Prof			
2D E EVELEIGH PhD Assoc Prof	3L M VASVARY PhD Assoc Ext Spec			
12LLCNAS MILLER PhD Asst Res Prof	12B R WILSON PhU Res Prof			
2Mrs MARILYN S POLLACK PhD Res Assoc	2G M. ZINNER BS Res Asst Nematol			
12C A PRICE PhD Prof Plant Biochem				
2C C STILL PhD Assoc Res Prof Plant Biochem	Environmental Resources 6955			
12D H STRUMEYER PhD Prof	12G F WALTON BS Assoc Prof and Head of Dept (201-			
2Mrs AUREA C VASCONCELOS PhD Res Assoc	247-1766 Ext 1809)			
en	2G H NIESWAND Ph.D. Asst Prof			
	910 2MAHSHALL STALLEY MA Spec			
2 S B RANDLE Res Prof Head of Dept (201-247-1766 Ext 1760)				
2W F CAREY BS Asst Res Prof	2J R WESTMAN PhD Res Prof 1E B WILKENS Prof			
2CAROL A FASSBENDER BA Instr	tt. 5 wilkting Pio.			
2KENNETH HELRICH MS Res Prof	Environmental Science 6960			
2H P HERMANSON PhD Asst Res Prof	12A J KAPLOVSKY PhD Res Prof and Head of Dept			
2S E KATZ PhD Res Prof	(201-247-1766 Ext 1571)			
2J D ROSEN PhD Assoc Res Prof	20 M ALY PhD Res Assoc			
2MARIE SIEWIERSKI AB Res Assoc	15 O BLACKWELL MPH Assoc Prof			
2GEORGE WINNETT MA Assoc Res Prof	2L CHANDLER PhD Res Assoc			
	12S C FAUST PhD Res Prof			
Conservation and Environmental Science (Bur) (201-247-	2M S FINSTEIN PhD Assoc Prof			
1766 Ext 1704) 69	3F B FLOWER MS Assoc Ext Spec			
12RH WHILE-STEVENS PhD Comm of Bur	12E J GENETELLI PhD Assoc Prof 2W L HALL PhD Prof			
12n H "H. LE-STE, VENS PRE TREE OF BU	12F J HAUGHEY PhD Assoc Prof			
Economics and Marketing (Agr) 69				
12G W LUKE PhD Res Prof and Head of Dept (201-247				
1766 Ext 1305)	2D N LILLIAN PhD Asst Prof			
12D J BURNS PhD Res Prof Mktg	12P M MANGANELLI PhD Res Prof			
2D A LERR PhD Asst Prof	3J J JOPOROWSKI Jr MBA - Assoc Ext Spec			
12P T DHILLON PhD Asst Pro:	IGEORGE WACCILYCSAK FhP Asst Prof			
3M S FABIAN MS Asst Ext Spec Mktg				
3J M HUNTER MS Assoc Ext Spec Agr Policy	Extension Administration 6970			
12A R KOCH PhD Prof	3J L. GERWIG PhD Tir and Assoc Dean (201-247-1766			
23R G LATIMER PhD Assoc Ext Spec Form Mat	Ext 1306)			
12A A MEREDITH MS Res Prof Mktg 3F A PERKINS MS Ext Spec Mktg	3M V ADAMS PhD Ext Spec Ldr (201-247-1766 Ext 1308)			
3W M RUNK BS Ext Spec Res Devlpmt	3A M HCNLAND MEd Aust Dir (201-247-1766 Ext 1307)			
2D W THATCH PhD Asst Prof	3F'S MANSUF BS Assec Prof 4-H Ext Ldr (201-247-			
12E R WESTCOTT PhD Res Prof	1766 Ext 1705)			
	3BEATRICE M MAY MS Assoc Home Elech Ext Ldr			
Education 69	30 Assoc 4-H Ext Spec Cloth (201-247-1766 Ext 1740)			
IC C DRAWBAUGH MEd Asst Prof Agr Educ	3T J MURPHY BS Asst 4-H Ext Ldr (201-247-1766 Ext			
	1704)			
	3R P WINTERS MS 4-H Ldr (201-247-1766 Ext 1704)			
12M E SINGLEY MS Prof and Head of Dept (201-247-17 Ext 1753)	Food Science 6980			
12H E CARPENTER BS Assoc Ext Spec Mech Agr	12G F CIMARCO PhD Frot and Head of Dept (201-247-			
3MARTIN DECKER In MS Assoc Ext Spec	1766 Ext 1611)			
12D R MEARS MS Asst Prof	2M J BABCCCK PhD Assoc Res Prof			
12KURT NATHAN MS Assoc Prof	12S S CHANG PhI Prof			
12C H REED MS Prof	12S G GILBERT PhI Pro:			
3W J ROBERTS MS Assoc Ext Spec	2N I HAARL PhD Asst Prof			
	12KAN-ICHI HAYAKAWA PhD Assoc Prof			
E	2ENCEL KARMAS PhD Asst Prof			
	12D H KLEYN PhD Assoc Res Prof Dairy Indus 12P A LACHANCE PhD Assoc Prof			
12B B PEPPER PhD Res Prot and Head of Dept (201- 247-1766 Ext 1774)	12) G LEEDER PhD Res Prof Dairy Indus			
2T A CHEN PhD Assoc Res Prof	129 G LEEDER PRO Res Prof Barry Indias 12W A MACLINN PhD Prof			
2C C COMPTON PhD Visit Res Prof	2H A MARKLEY MS Res Assoc			
2W J CRANS PhD Asst Res Prof	1R E MORGE PhD Prof			
12A J FORGASH PhD Res Prof	31. I PINTAURC PaD Ext Spec			
12PHILIP GRANETT Phi Res Prof	12MYPC: CLBERG PhD Pro:			
2A PIGHPTA Phili Aktoo Bas Prid	12Mr : TAIR HE CHES PhE Assoc Bos Prof			

Home Economics 3AUDREY C BURKART AM Asst Ext Spec in Foods

and Nutr

3JEAN M CARROLL MEd Asst Spec Home Mgt

3JEAN F JUDGE BS Ext Spec Food Mktg

3BEATRICE M MAY MS Assoc 4-H Ext Spec Text and

3ELIZABETH A MACAULEY BS Ext Spec 4-H Foods and Nutr

3Mrs FLORENCE G MINIFIE BS Assoc Ext Spec Text and Cloth

3JACQUELYN A CRLANDO MA Assoc Ext 4-H Text and Cloth

3GENA THAMES MS Assoc Ext Spec Home Furn

7000 Horticulture and Forestry

12C E HESS PhD Res Prof and Head of Dept (201-247-1766 Ext 1711)

12CATHERINE H BAILEY PhD Assoc Res Prof Pomol

12N F CHILDERS PhD Blake Prof

3E G CHRIST MS Ext Spec Pomol

12R H DEBOER MS Assoc Prof Landsc Design

2W O DRINKWATER PhD Prof Veg Crops

2D J DURKIN PhD Prof Flor

12PAUL ECK PhD Prof of Pomol

12J H ELLISON PhD Res Prof Veg Crops

12CHAIM FRENKEL PhD Asst Prof

12S A GARRISON PhD Assoc Prof Veg Crops

12J L HALL MLA Assoc Prof Landsc Arch

12B A HAMILTON PhD Assoc Prof Ornam Hort

3M R HARRISON BS Ext Spec Flor

12L F HOUGH PhD Res Prof Pomol

12G L JELENKOVICS PhD Asst Prof

3W B JOHNSON MS Ext Spec Veg Crops

3R P KORBOBO BS Ext Spec Landsc Design

3D B LACEY MS Assoc Ext Spec Home Hort 3A N LENTZ BS Ext Spec Farm For

3L D LITTLE Jr MS Assoc Ext Spec Nursery Mgt 12R H MERRITT PhD Assoc Prof Ornam Hort

1B C MOSER MS Asst Prof Ornam Hort

12E R ORTON Jr PhD Assoc Res Prof Ornam Hort 23B L POLLACK PhD Ext Spec Veg Crops

12J N SCALIS BS Instr Flor

1R A SCARFO BS Instr Landsc Arch

120VED SHIFRISS PhD Res Prof Veg Crops

123C R SMITH PhD Prof Pomol

12W E SNYDER PhD Prof Ornam Hort

12B B STOUT PhD Prof For 12G A TAYLOR PhD Prof Veg Crops

2J F WEBSTER MLA Asst Prof Landsc Arch

12R F WEST MF Prof For

2L J WOLGAST MS Asst Instr Wildlife Biol

7010 Meteorology

12A V HAVENS MS Prof and Head of Dept (201-247-1766 Ext 1387)

12EDWINADDISON BA Adv Agr Met

2F G BINKOWSKI MS Asst Prof

7D V DUNLAP MS Lect 2JERRY PELL MS Asst Prof

12M D SHULMAN PhD Assoc Prof

7020 **Nutrition**

12HANS FISHER PhD Prof and Head of Dept (201-247-1766 Ext 1717)

2MYRTLE L BROWN PhD Assoc Prof

12PAUL GRIMINGER PhD Prof

Oyster Culture

2H H HASKIN PhD Prof and Head of Dept (201-247-1766 Ext 2309)

2W J CANZONIEF BS Res Assoc

2D E KUNKLE BS Res Assoc

7040 Plant Biology

12B H DAVIS PhD Res Prof Plant Path and Head of Dept (201-247-1766 Ext 1375)

2EILEEN G BRENNAN MS Assoc Res Prof Plant Path

2J C CAMPBELL Assoc Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path

Plant Biology-Continued

12R H DAINES PhD Res Prof Plant Path

3S H DAVIS Jr PhD Ext Spec Plant Path

12P N HALISKY PhD Assoc Prof Plant Path 2IDA A LEONE MS Assoc Res Prof Plant Path

12G DLEWIS PhD Res Prof Plant Path

12J L PETERSON PhD Res Prof Plant Path

3J K SPRINGER PhD Asst Ext Spec

25A W STRETCH PhD Assoc Res Prof Plant Path 12E H VARNEY PhD Prof Plant Path

7050 Soils and Crops

123W R BATTLE PhD Res Prof Farm Crops and Head of Dept (201-247-1766 Ext 1771)

12R B ALDERFER PhD Res Prof Soils

12J C CIALONE PhD Assoc Res Prof 12L A DOUGLAS PhD Prof Soil Mineral

12R W DUELL PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mgt

3R L FLANNERY PhD Ext Spec Soils

12C R FUNK Jr PhD Res Prof Farm Crops

3J L GERWIG PhD Assoc Ext Spec Farm Crops

3R M HANNA MS Assoc Ext Spec Soils

2Mrs KATHRYN P HARMON PhD Visiting Invest

12P H HSU PhD Assoc Res Prof

12R D ILNICKI PhD Res Prof Farm Crops

3H W INDYK PhD Ext Spec Turf Mgt
3J R JUSTIN PhD Assoc Ext Spec

12STEVE LUND PhD Res Prof Farm Crops

2D K MARKUS PhD Prin Chem

3J A MEADE PhD Ext Spec Weed Control

12H L MOTTO PhD Asst Res Prof

3J W PATERSON PhD Assoc Ext Spec

5G A QUAKENBUSH AB Assoc Res Prof Soil Conserv

12DN RIEMER PhD Assoc Res Prof Farm Crops

12M A SPRAGUE PhD Prof Farm Crops

12J E STECKEL PhD Prof Soil Chem
12J C F TEDROW PhD Prof Soils

12S J TOTH PhD Prof Soils

25W V WELKER Jr PhD Assoc Res Prof Farm Crops

Water Resources Research Institute

7055

2WILLIAM WHIPPLE Jr CE Exec Dir (201-247-1766 Ext 1817)

7060 Miscellaneous

12H C BOHLKE Bursar 12C E FRNEST Bus Mgr

3W A MITCHELTREE MS Ext Spec Community Life

12JOLAN G SZENDREY MSL Libr

2R W THOMPSON MS Supt Bldg Grns

7070 Substations

Cranberry and Blueberry Res Center (PO Pemberton) 2P E MARUCCI BS Res Prof Ent in Chg (609-894-8740) Oyster Res Lub (PO Bivalve)

2H H HASKIN PhD Res Prof Oyster Cult in Chg (609-785-0075)

Poultry Path Lab (PO Vineland)

2IVAN KUJDYCH DVM Assoc Res Prof Poultry Path in Chg (609-691-0360)

Soils and Crops Res Center (PO Adelphia)

123W R BATTLE PhD Res Prof in Chg (201-462-9120)

South Jersey Res and Devlpmt Center (PO Centerton)
2R A KIENZLE BS Asst to Expt Sta Dir (609-455-3100)
2JOSEPH STEINKE BS Asst to Expt Sta Dir

NEW MEXICO

College of Agriculture and Home Economics, the Agricultural Experiment Station, and the Cooperative Extension Service of New Mexico State University, Las Cruces 88001 (Main tel 505-646-0111)

1College Staff 2Station Staff 3Extension Staff 5Coop USDA 6Coop USDI 4Leave of Absence 9A-TR, M-S Program

7080-7170 NEW MEXICO

7000	D. I.P. I
7080 123G W THOMAS PhD Pres (505-646-2035)	Botany and Entomology 7120 12J G WATTS PhD Prof Gen Ent and Head of Dept (505-
1239P J LEYENDECKER PhD Dean of Col of Agrand	646-3225)
Home Econ Dir of Sta Dir of Ext Serv (505-646-	12J A BOOTH PhD Assoc Prof Plant Path
1806) 2M L WILSON PhD Assoc Dir of Sta (505-646-3125)	5C F CHEW MS Plant Path
3A E TRIVIZ MPA Assoc Dir of Ext Serv	3J J DURKIN MS Assoc Prof Ent and Chem Coord 12J J ELLINGTON PhD Assoc Prof Ent
(505–646-3015)	2H G KINZER PhD Assoc Prof Ent
2W P STEPHENS PhD Asst Dir of Sta (505-646-3125)	2D L LINDSEY PhD Asst Prof Plant Path
3J E KIRBY PhD Asst Dir of Ext Serv (505-646-3015) 1J V ENZIE PhD Assoc Dean of Agr and Home Econ	3E L SHANNON MS Asst Prof Plant Path
(505-646-1806)	12G O THRONEBERRY PhD Prof Plant Phys 2R B TURNER PhD Assoc Prof Ent
123ANNETTE G HARLAN BS Asst to Dir (505-646-1806)	21 D TOTALLY ID ASSOCT OF DIE
123K R HAFEN MA Vice Pres of Finance (505-646-2431)	Dairy 7130
	12D D MILLER PhD Prof Bact and Head of Dept (505-
Agricultural and Extension Education 7085	646-3325) 3 J B ELLS MS - Assoc Prof Prod and Mgt
1L A WAGLEY EdD Assoc Prof and Head of Dept	12D W KELLOGG PhD Asst Prof Nutr
505-646-4511)	12D L ZARTMAN PhD Asst Prof Genet
1M D COOK Jr BS Instr Agr Inst 1L C DALTON BS Asst Prof of Agr and Ext Educ	Economics (Agr) 7140
1W G NOLAND PhD Asst Prof of Agr and Ext Educ	12G R DAWSON PhD Prof Farm Mgt and Head of Dept
1J A RICHARDSON MA Asst Prof and Dir of Agr Inst	(505-646-3215)
13J J TEJADA MS Prof of Agr and Ext Educ	12G M BURKF. PhD Prof Mktg
	12W N CAPENER PhD Assoc Prof Mktg 12G C CARRUTHERS PhD Asst Prof Resource Econ
Agrenomy 7090	12T S CLEVENGER PhD Asst Prof Mktg
12A A BALTENSPERGER PhD Prof Forage Impr and	2C E EASTMAN MS Asst Prof Rural Social
Head of Dept (505-646-3405)	12W D GORMAN PhD Assoc Prof Livestock Mktg
12J U ANDERSON PhD Prof Soil Mineral 12W P ANDERSON MS Assoc Prof Weed Control	12JR GRAY PhD Prof Range Econ 12CH GREENE PhD Asst Prof Livestock Mktg
5J R BARROW PhD Cotton Genet	12M L HANSON PhD Assoc Prof Prod Econ
12D D DAVIS PhD Assoc Prof Cotton Genet	12R R LANSFORD PhD Assoc Prof Farm Mgt
5L H GILE Jr MS Soil Sci Soil Genesis	3E J O'NEAL MS Assoc Prof Cotton Mktg
2W L GOULD PhD Asscc Prof Creosote and Brush Control	12F HOSTERHOUDT Phd Asst Prof Resource Econ 3GOOTT MS Assoc Prof Form Mgt
5J W HAWLEY PhD Geomorphol	3RUTH SNEED MS Assoc Prof Food Mktg Inform
3G B HOFF MS Asst Prof Field Crops	2H R STUCKY PhD Prof Resource Econ
6F E HOUGHTON EdM Climatel 3W S JACKSON MS Assoc Prof Cotton Spec	12W J VASTINE PhD Assoc Prof Mktg
3C D LEEDY MS Asst Prof Soils	3N G WRIGHT MS Instr Livestock and Wool Mktg
2H J MAKER BS Conserv Soil Sci	Engineering (Agr) 7150
12B A MELTON PhD Prof Alfalfa Brdg	12E G HANSON MS Prof Soil and Water and Head of
12G A O'CONNOR PhD Asst Prof Soil Chem 12F A QUINONES PhD Assoc Prof Beam Brdg	Dept (505-646-2902)
12GLEN STATEN MS Prof Cotton Brdg	12G HABERNATHY PhD Assoc Prof Farm Power and Mach
12C E WATSON MS Assoc Prof Forage Mgt	12J F ALFARO PhD Asst Prof Soil and Water
12J W WHITWORTH PhD Prof Weed Physiol	12R S : REEBURG PhD Assoc Prof Farm Structures
12P J WIERENGA PhD Asst Prof Soil and Water Mgt 1B C WILLIAMS PhD Prof Soil Fert	3C M HOHN MS Asst Prof Agr Engin
12A G WOLLUM II PhD Asst Prof For Soils	
12R L WOOD MS Prof Cotton Brdg	Experimental Statistics 7160
	12M D FINKNER PhD Prof Biomet and Head of Dept
nimal, Range, and Wildlife Sciences 7100	(505-646-2936) 2 R M GLAZE MS Instr Prog
12A L NEUMANN PhD Prof Anim Nutr and Head of Dept	12V H GLEDHILL PhD Assoc Prof Expt Statis
(505-646-3307)	12M M LENTNER Ph.D Asst Prof Expt Statis
5R W ALLEN PhD Parasitol 13L N BURCHAM BS Instr of Anim Sci	12N S URQUHART PhD Assoc Prof Expt States
12C A DAVIS PhD Asst Prof Wildlife Mgt	
12D D DWYER PhD Prof Range Mgt	Extension Administration 7170
5C H HERBEL PhD Res Agron Range Mgt	123P J LEYENDECKER PhD Dir
12L A HOLLAND PhD Prof Anim Genet 12V W HOWARD PhD Asst Prof Wildlife Sci	3A E TRIVIZ MPA Assoc Dir 3J E KIRBY PhD Asst Dir
12D B JESTER MS Asst Prof Wildlife Sci	3T D APODACA MS Asst Prof Prog Ldr 4-H and Youth
3W A LJUNGDAHL MS Prof Livestock Prod	Devlpmt
12W D McFADDEN PhD Assoc Prof Wool Technol 12A B NELSON PhD Prof Anim Nutr	3J K AUSTIN MS Asst Prof Organ Spec
2E E PARKER MS Instr Ronge Mgt	30 F BACA MS Prof State Supvr (Men) 3DORMAN BROOKEY MS Assoc Prof Supvr 4-H and
12R D PIEPER PhD Assoc Prof Range Mgt	Youth Devlpmt
12B J RANKIN PhD Assoc Prof Livestock Prod	3J W GAUME MS Prof State Supvr (Men)
12E E RAY PhD Assoc Prof Meat Technol 12J L RUTTLE PhD Assoc Prof Sheep Physiol	3A I GOMEZ MA Instr Prog Ldr 4-H and Youth Devlpmt 3P D HAY MS - Asst Prof Ext Mgt Inform Spec
3J M SACHSE MS Instr Sheep and Wool	3TINY F JONES MS Assoc Prof Prog Ldr 4-H and
5K S SAMSON MS Parasitol	Youth Devlpmt
12G S SMITH PhD Assoc Prof Anim Nutr 3R E STEGER PhD Asst Prof Range Mgt	3DOROTHEA RIEMANN MS Assoc Prof State Supvr
12K A VALENTINE MS Assoc Prof Range Mgt	(Women) 3Mrs HELEN M STOCK BS Asst Prof State Supvr (Women)
5G I WILSON PhD Parasitol	13J J TEJADA MS Prof Trng Off

Home Economics

12EVELYN HOLLEN PhD Prof Nutr and Head of Dept (505-646-3936)

3E LOUISE GARRETT MA Assoc Prof Nutr

1BERNEITA HENDRIX MA Assoc Prof Home Econ Educ

IMERCEDES D HOSKINS EdD Asst Prof Child Devlpmt Fam Life Educ Nutr

3PATRICIA N KNAPP MS Instr Home Mgt

1Mrs MARGARET H LEMONE MS Asst Prof Foods Inst Mat

1Mrs ELSIE D MATHIEU MS Assoc Prof Cloth and Text

3JACKIE M. PINSON MS Asst Prof Fam Finance Spec 2Mrs MARIBEL J ROZENDAL MS Inst Fam Finance Home Mat

1Mrs ELIZABETH WICHERT MA Asst Prof Foods and Household Equip

3W L YATES MS Asst Prof Fam Life Spec

Horticulture

7190

12F B WIDMOYER PhD Prof Ornam and Head of Dept (505-646-1521)

3M D BRYANT MS Assoc Prof Hort

12J N CORGAN PhD Assoc Prof Veg Crops 12D J COTTER PhD Prof Veg Crops

12R M NAKAYAMA PhD Assoc Prof Veg Crops

12D T SULLIVAN PhD Prof Fruit Crops

Information (Aar)

7200

23J M WHITE MA Prof Agr Ed and Head of Dept (505-646-2701)

23Mrs VIRGINIA JOHANSEN MA Assoc Prof Assoc Agr Ed

3NORMAN NEWCOMER BS Inst Assoc Agr Ed 23NEIL A STUEVEN MS Asst Prof Assoc Agr Ed

Poultry Husbandry

7210

123D W FRANCIS PhD Prof Poultry Physiol and Head of Dept (505-646-3435)

12R H ROBERSON PhD Assoc Prof Poultry Nutr

Miscellaneous

1J F DYKE PhD Prof and Dir of Libr (505-646-1508)

7230

Espanola Valley Br Sta (Alcalde 87511)

2P M TRUJILLO MS Supt and Asst Prof Agron Field Crops

Middle Rio Grande Br Sta (Rt 1 Box 28 Los Lunas 87031)

2H D JONES BS Supt and Assoc Prof Agron Crop Mgt

2J E ANDERSON MS Asst Prof Agron Grass Mgt

5E B HOLLINGSWORTH MS Res Bot

2R F HOOKS PhD Asst Prof Hort

5R G LOHMILLER MS Soil Conserv 5P C QUIMBY Jr PhD Weed Physiol

5L C WINDLE MS Soil Conserv

Northeastern Br Sta (PO Box AA Tucumcari 88401)

2D H WILLIAMS MS Supt and Assoc Prof Field Crops Plains Br Sta (Star Route Box 77 Clovis 88101)

2R E FINKNER PhD Supt and Prof Agron Brdg and Genet

2H D FUEHRING PhD Assoc Prof Agron

2D C H HSI PhD Prof Plant Path

San Juan Br Sta (PO Box 1018 Farmington 87401)

2A E STEWART MS Supt and Assoc Prof Soil and Water

2E J GREGORY MS Asst Prof Agron Crop Prod

Asst Prof Hort 2J M JORDAN PhD

Southeastern Br Sta (Rt 1 Box 121 Artesia 88210)

2C E BARNES MS Supt and Asst Prof Agron Crop Mgt

2N R MALM PhD Assoc Prof Agron

NEW YORK

New York State Colleges of Agriculture, Human Ecology, and Veterinary Medicine and the Agricultural Experiment Station of Cornell University, Ithaca 14850 (Main tel 607-256-1000)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program

7240

123D R CORSON PhD Pres of Univ (607-256-5201)

123R A PLANE PhD Prov of Univ (607-256-2364)

123W K KENNEDY PhD Vice Prov and Prof Agron (607-256-4871)

123W D COOKE PhD Vice Pres for Res and Adv Studies (607-256-4603)

123C E PALM PhD LLD Dean of Col of Agr and Prof Ent (607-256-2241)

123D C KNAPP PhD Dean of Col of Human Ecol and Prof Admin (607-256-2138)

123G C POPPENSIEK VMC MS Dean of Vet Col and Prof Vet Microbiol (607-256-3201)

129N C BRADY PhD Dir of Res and Dir of Sta Prof Soil Sci (607-256-5429)

12J F METZ Jr PhD Assoc Dir of Res and Assoc Dir of Sta Prof Mktg (607-256-5420)

124Mrs ETHEL L VATTER PhD Asst Dir of Sta and Acta Assoc Dean for Grad Educ and Res Human Ecol Prof Consum Educ and Pub Pol (607-256-4519)

1H L EVERETT PhD Dir of Resident Instrand Prof Plant Brdg (607-256-3083)

1.J P HERTEL PhD Assoc Dir Resident Instr Prof Pers Admin and Col Secy (Agr) (607-256-2258)

13E H SMITH PhD Dir of Coop Ext and Prof Ent (607-256-2117)

13A F. DURFEE PhD Assoc Dir and Prof Coop Ext (607-256-3225)

13C R HARRINGTON MA Assoc Dir and Prof Coop Ext (607-256-2092)

13LUCINDA A NOBLE MS Assoc Dean for Public Serv and Cont Educ and Assoc Dir of Coop Ext Human Ecol Assoc Prof Coop Ext (607-256-2093)

1JEAN FAILING PhD Assoc Dean for Undergrad Educ Human Ecol Prof Human Ecol (607-256-2061)

IK L TURK PhD Dir of Internati Agr Devlpmt and Prof Anim Sci (607-256-2283)

12R D O'BRIEN PhD Dir of Div of Biol Sci and Prof Neurobiol (607-256-5042)

123A H PETERSON MA Controller of Univ and Prof Bus Admin (607-256-5422)

123S M COMBER Asst Controller and Dir of Finance (607-256-2039)

7250 Agriculture

AGRONOMY

123M J WRIGHT PhD Prof Field Crops and Head of Dept 2JEFFREY ADAMSON PhD Res Assoc Soil Chem 12MARTIN ALEXANDER PhD Prof Soil Microbiol

125W H ALLAWAY PhD Prof Soil Chem

123R W ARNOLD PhD Assoc Prof Soil Genesis and Classif

23T W BATEMAN BS Res Assoc Sugarbeets

12D R BOULDIN PhD Prof Soil Fert

23R F BURT MS Res Spec Field Crops

2W R CLAYTON BS Res Assoc Anal Chem

1245M G CLINE PhD Dsc Prof Soil Sci

2D P COX PhD Res Assoc Soil Microbiol

2W F CRONEY MS Ext Assoc Soil Conserv

123B E DETHIER PhD Prof Agr Met

12MATTHEW DROSDOFF PhD Prof Tropical Soils

123W B DUKE PhD Asst Prof Weed Control 12J M DUXBURY PhD Asst Prof Soil Chem

1234REESHON FEUER PhD Prof Agron Ext

2R W FLEMING PhD Res Assoc Soil Microbiol

12R H FOX PhD Asst Prof Tropical Soils

2A J FRANCIS PhD Res Assoc Soil Microbiol

2G R FREE MS Assoc Prof Soil Mgt

12D D FRITTON PhD Asst Prof Soil Phys

2H T GREWELING MS Dir of Labs

125D L GRUNES PhD Assoc Prof Soil Chem 125J F HODGSON PhD Assoc Prof Soil Chem

25W A HOUSE PhD Res Assoc Anim Physiol

12H A KERR MSA Prof Soil Conserv

2S D KLAUSNER MS Res Assoc Soil Conserv

12W W KNAPP PhD Asst Prof Agr Met

7250 **NEW YORK**

Agriculture-Continued

123R E KRFNZIN PhD Assoc Prof Field Crops Ext

125JOE KUBOTA PhD Assoc Prof Soil Classif

1234D J LATHWELL PhD Prof Soil Fert

125E R LEMON PhD Prof Soil Phys and Agr Met

125D L LINSCOTT PhD Assoc Prof Weed Control

123R F LUCEY PnD Prof Field Crops

12H A MacDONALD PhD Prof Field Crops

12R D MILLER PhD Prof Soil Phys and Dean Univ Faculty

12R B MUSGRAVE PhD Prof Crop Ecol

12R L OBENDORF PhD Asst Prof Crop Physiol

123G WOLSON PhD Asst Prof Soil Surv Interpret

26A B PACK PhD Asst Prof Met

12MICHAEL PEECH PhD Prof Soil Chem

123W S REID PhD Asst Prof Soil Fert Ext

123T W SCOTT PhD Assoc Prof Sugarbeets
123R F SEANEY PhD Prof Forage Crops Ext
123E I. STONE Jr PhD Prof For Soils

123F N SWADER PhD Asst Prof Agron Ext

2R M WFAVER PhD Res Assoc Soil Sci

2D O WILSON PhD Res Assoc Soil Sci

12P J ZWERMAN PhD Prof Soil Conserv

ANIMAL SCIENCE

123J K LOOSLI PhD Prof Anim Nutr and Head of Dept

23H R AINSLIE PhD Prof Dairy Cattle

23W F BRANNON PhD Assoc Prof Sheep
12R W BRATTON PhD Assoc Prof Physiol Reprod

3J D BURKE MS Prof Dairy Cattle

23H W CARTER PhD Prof Dairy Cattle

234C E COPPOCK PhD Assoc Prof Dairy Cattle

12R T DUBY PhD Asst Prof Physiol Reprod 12J M ELLIOT PhD Assoc Prof Dairy Cattle

23R W EVERETT PhD Asst Prof Anim Genet

12R H FOOTE PhD Prof Physiol Reprod

12WILLIAM HANSEL PhD Prof Physiol Reprod

23D A HARTMAN PhD Assoc Prof Dairy Cattle

12C R HENDERSON PhD Prof Anim Genet

12H F HINTZ PhD Asst Prof Horses 12D E HOGUE PhD Ass∞ Prof Sheep

3M D LACY MS Prof Beef Cattle

23L L LARSON PhD Asst Prof Physiol Reprod

12J E LOWE PhD Assoc Prof Horses

12R E McDOWELL PhD Prof Environ Physiol

23A M MEEK PhD Assoc Prof Anim Genet

12W G MERRILL PhD Assoc Prof Dairy Nutr

12J I MILLER PhD Prof Beef Cattle
12P D MILLER PhD Asst Prof Anim Genet

23R P NATZKE PhD Asst Prof Dairy Cattle

23E A PIERCE PhD Assoc Prof Beef Cattle and Swine

12W G PON! PhD Prof Swine
12J T REID PhD Prof Anim Nutr
23S W SABIN PnD Assoc Prof Horses and Cattle

12G H SCHMIDT PhD Assoc Prof Dairy Cattle

12H F SCHRYVER PhD Assoc Prof Horses

23S T SLACK PhD Prof Dairy Cattle

12S E SMITH PhD Prof Anim Nutr

23R W SPALDING PhD Prof Dairy Cattle and Prog Ldr Agr Manpower

12J R STOUFFER PhD Assoc Prof Meats

25H F TRAVIS PhD Assoc Prof Mink

12G W TRIMBERGER PhD Prof Dairy Cattle
12D R VAN CAMPEN PhD Asst Prof Anim Nutr

12P J VAN SOEST PhD Assoc Prof Anim Nutr 12L D VAN VLECK PhD Assoc Prof Genet

124W J VISEK MD PhD Prof Nutr and Compar Metab 12R G WARNER PhD Prof Anim Nutr

12G H WELLINGTON PhD Prof Meats

COMMUNICATION ARTS (AGR AND HUMAN ECOLOGY) 123W B WARD MS Prof Ed and Chief of Pubs Head of

3R J AMES MS Assoc Prof Commun

123KATHERINE E BARNES BS Ext Aide Press

12J A BARMIND PhD Asst Prof Oral Commun

123T R CASO BA Ext Aide TV 2DOROTHY C CHASE BS Ed Agr Pubs

13KA PHERINE P CLAREY BS - Ext Aide TV-Radio

12R D CCLLF PhD Assoc Prof Commun

Agriculture-Continued

12R H CRAWFORD PhD Asst Prof Commun

123J K ESTES BFA Graphic Designer

3Mrs ELEANOR'S FOSTER BS Ext Inform Spec Human Ecol

12C H FREEMAN MS Prof Oral Commun

3T PHANNA BA Ed Human Ecol

1Mrs JANE E HARDY BS Instr Commun

13J D HERSHBERGER MS Dir Educ TV Center Human Ecol

13N V JACOBS BS Educ TV Tech Human Ecol 12HOLIM KIV. PhD Asst Prof Commun

123Y H KIM MA Ext Spec Press

3JE LAWRENCE MS Assoc Prof Ext Coord

13R D MARTIN MS Prof Gral Commun 13J A MASON BFA Asst Pubs Prod Mar Human Ecol

3G N MENGERS BA — Ed Agr Pubs **12**K A MILLER PhD — Asst Prof Ora, Commun

12C C RUSSELL PhD Prof Commun

1Mrs ENIL C SCHANTZ AB Instr Commun

3Mrs PATRICIA M SHORT BS Asst Ed Human Ecol

123V R STEPHEN MA Assoc Prof Visual Commun 3R G TURNER AAS Film Producer

2F B WARNER Jr BS Res Assoc

1Mrs SUSAN M WATKINS BS Instr Commun

123G C WEBB BS Radio Ed

13E Y WRIGHT BS Educ TV Engin Human Ecol

CONSERVATION

12D A WEBSTER PhD Prof Fishery Biol and Head of Dept

13H B BRUMSTED PhD Assoc Prof Conserv

126C A CARLSON PhD Asst Prof Fishery Biol (Coop

13J W CASLICK MS Ext Assoc Conserv

13ALEX DICKSON MS Assoc Prof For 126A W EIPPER PhD Assoc Prof Fishery Biol (Coop USDI)

23J R FAZIO BS Res Spec Conserv 2W A FLICK BS Res Assoc Fishery Biol

2J L FORNEY PhD Asst Prof Fishery Biol 123D L GILBERT PhD Prof Wildlife Mgt

2D M GREEN MS Hes Assoc Fishery Biol 123L S HAMILTON PhD Prof For

2E F. HARDY Res Assoc Conserv

1230 H HFWITT PhD Prof Wildlife Mgt

13J W KELLEY PhD Asst Prof Conserv 12R J McNEIL PhD Assoc Prof Conserv

12A N MOEN PhD Asst Prof Wildlife Ecol

12R R MORROW Jr PhD Assoc Prof For

2R L NOBLE PhD Res Assoc Fishery Biol

12R T OGLESBY PhD Assoc Prof Aquatic Sci 126M E RICHMOND PhD Asst Prof Wildlife Mgt (Coop

USDD

2C L SCHOFIELD MS Res Assoc Fishery Biol 126D Q THOMPSON PhD Assoc Prof Wildlife Mgt (Coop USDI)

12R G MERNER PhD Asst Prof Γishery Biol 123B T WILKINS PhD Asst Prof Conserv

13F E WINCH Jr MF Prof For

12W D YOUNGS MS Res Assoc Fishery Biol

COOPERATIVE EXTENSION ADMINISTRATION (AGR AND HUMAN ECOL)

3CARGLYN O BOEGLY MS Asst Prof Coop Ext and Ext Lir Human Ecol

3G J BROADWELL PhD Asst Prof Coop Ext and Asst Dir Coop Ext

3W D BROWN MS Asst Prof Coop Ext and Ext Ldr Agr 3H E CARLEY MS Senior Ext Assoc and Ext Ldr 4-H Oper

3CANDRA J CLARKSON BS - Ext Spec-Pers

3Mrs NATALIE D. CROWE MS | Asht Prof Coop Ext and Ext Ldr Human Ecol

3D W KIK MEd - Ext Assoc

3C F DVORAK Jr MS Senior Ext Assoc and Ext Prog Ldr 4-H

3R C HODNETT MS Senior Ext Assoc and Ext Ldr Agr

3D L JEWETT MS Assoc Prof Coop Ext and Ext Rep

7250 NEW YORK

Agriculture—Continued

3Mrs MARIAN M KIRA MS Senior Ext Assoc and Ext Prog Ldr Human Ecol

3H M LINCOLN MPA Senior Ext Assoc and Pers and Mat Spec

3H W MATOTT MS Assoc Prof Coop Ext and Ext Ldr Agr

3S SUZANNE MATSEN MS Asst Prof Coop Ext and Asst Dir for Cornell State OEO Proj

3Mrs LOIS F McGURK MS Senior Ext Assoc and Ext Prog Ldr 4-H

3RHODA MEKEEL MA Asst Prof Coop Ext and Ext Rep

3Mrs NANCY PMILLER MS Senior Ext Associand Ext Ldr Human Ecol

3D F PICKETT MS Senior Ext Associand Ext Rep

3J C PRESTON DEd Asst Prof Coop Ext and Ext Prog Ldr Agr

3L L RHONEMUS MS Senior Ext Assoc and Ext Ldr 4-H 3ETHEL W SAMSON MA Assoc Prof Coop Ext and Ldr Human Ecol Pers

3J S SPERO MS Senior Ext Assoc and Ext Ldr 4-H 3J C STERLING MA Senior Ext Assoc

3PHYLLIS E STOUT MS Assoc Prof Coop Ext and Ext

3J C SWAN MS Prof Coop Ext and Asst Dir Agr

3H B SWEET BS Assoc Prof Coop Ext and Asst to the Dır

3H P WARNOCK MPA Senior Ext Assoc and Ext Rep 3MARY B WOOD MSEd Assoc Prof Coop Ext and Ext Ldr Human Ecol

3C E WRIGHT PhD Prof Consum Educ and Spec Asst to the Dir (N Y City)

3Mrs BETTIE L YERKA MS Assoc Prof Coop Ext and Pro 1 Ldr

3GEORGE ZONITCH MS Senior Ext Assoc and Ext Ldr Agr

ECONOMICS (AGR)

123B F STANTON PhD Prof Farm Mgt and Chmn of Dept

123D J ALLEE PhD Assoc Prof Resource Econ 123R D APLIN PhD Prof Mktg

4RANDGLPH BARKER PhD Assoc Prof Agr Econ 4S L BARRACLOUGH PhD Prof Agr Econ

123S A BELDEN PhD Asst Prof Agr Econ

123C A BRATTON PhD Prof Farm Mgt

123E H BROWN PhD Prof Bus Mgt

123M E BRUNK PhD Prof Mktg

123J B BUGLIARI LLB Assoc Prof Agr and Bus Law

123D I. CALL PhD Prof Food Econ

123G L CASLER PhD Assoc Prof Farm Mgt
123H E CONKLIN PhD Prof Land Econ

123G J CONNEMAN Jr PhD Prof Agr Econ

4L B DARRAH PnD Prof Mktg

2R F DAY BS Res Assoc

123B A DOMINICK Jr PhD Prof Mktg

123W GEARLE PhD Prof Mktg

123D A EILER PhD Asst Prof Agr Econ

40 E FORKER PhD Assoc Prof Mktg

12D K FREEBAIRN PhD Assoc Prof Agr Econ

3G A GERMAN MS Food Distrib Spec

123D C GOGDRICH Jr PhD Prof Mktq

123G W HEDLUND PhD Prof Agr Econ

25H P HINMAN PhD Asst Prof Agr Econ

123R B HOW PhD Prof Mktg

2C S HUNT Jr MS Res Assoc 123R J KALTER PhD Asst Prof Resource Econ

123C D KEARL PhD Prof Farm Mgt

123E L. LADUE PhD Asst Prot Agr Econ 4C W LCCMIS PhD Prof Farm Mat

3A C LOWRY MS Ext Assoc

123E A LUTZ PhD Prof Public Admin

3A R MARION BS Ext Spec
41 W MELLOR PhD Prof Aur Econ
21 F METZ Ir PnD Prof Mktg
123 I I MOUNT PhD Asst Prof Agr Econ

123D I PADBERG PnD Assoc Prof Mktg

12T T POLEMAN Jr PhD Assoc Prof Agr Econ 123K L ROBINSON PhD Prof Agr Econ

123D CONTER Phi Assoc Prof Agr Geog 123R S SMITH PhD Prof Farm Finance

3S F SMITH MS Ext Assoc

2D P SNYDER MS Res Assoc

Agriculture-Continued

123R P STORY PhD Prof Mktg 123W G TOMEK PhD Prof Prices

123S W WARREN PhD Prof Form Mgt

EDUCATION

1HELEN L WARDEBERG PhD Prof and Chmn of Dept

1H G ANDRUS PhD Prof Guidance and Pers Admin

1J P BAIL PhD Prof and Instr Mater Spec Agr Educ

1A L BERKEY PhD Asst Prof Agr Educ

1R L BRUCE PhD Assoc Prof Ext Educ

1D C BURGETT PhD Ext Assoc Instr Mater Spec Agr Educ

1H R CUSHMAN PhD Prof Agr Educ

IW E DRAKE PhD Prof Agr Educ

1Mrs JOAN REGNER EdD Assoc Prof Educ Admin

1R B FISCHER PhD Prof Nature and Sci Educ

1H A GEISELMANN PhD Prof Math. Educ

1M D GLOCK PhD Prof Educ Psychol

1D B GOWIN PhD Prof Educ Fdn

1E J HALLER PhD Asst Prof Educ Admin

1D E HEDLUND PhD Asst Prof Occup Psychol and Guidance

IL B HIXON EdD Prof Educ

1J P LEAGANS PhD Prof Ext Educ 1G W McCCNKIE PhD Assoc Prof Psychol and Educ Psychol

IJASON MILLMAN PhD Prof Educ Res Methods

1A G NELSON PhD Prof Counseling Psychol

1J D NOVAK PhD Prof Sci Educ

1W J PAUK PhD Prof Educ

1ISABEL J PEARD PhD Prof Educ

1R E RIPPLE PhD Prof Educ Psychol IV N ROCKCASTLE PhD Prof Nature and Sci Educ

1F H STUTZ PhD Prof Hist of Educ 1F K T TOM PhD Prof Agr Educ

14L L MICKS MS Ext Assoc Instr Mater Spec Agr Educ

ENGINEERING (AGR)

1230 C FRENCH MS Prof and Head of Dept

2A C ANTHONISEN MS Res Assoc Agr Waste Treatment

123R DBLACK PhD Assoc Prof Soil and Water Engin

23J K CAMPBELL MS Asst Prof Power and Mach

12J R COOKE PhD Asst Prof Environ Syst

23H R DAVIS MS Assoc Prof Poultry Structures

3E O EATON PhD Assoc Prof 4-H 3E W FOSS MS Prof Safety and RRD

12R B FURRY PhD Assoc Prof Structures

23R W GUEST MS Assoc Prof Mater Handling Equip

12W W GUNKEL PhD Prof Power and Mach

25A G HASHIMOTO MS Res Assoc Agr Waste Treatment

23W # IRISH MS Assoc Prof Dairy Structures
23J W LAYER MS Assoc Prof Storage Structures

1F G LECHNER EdD Assoc Prof Agr Mech

12GILBERT LEVINE PnD Assoc Dir Center for Internatl Studies and Prof Soil and Water Engin

12R C LOEHR PhD Prof Agr Waste Treatment

12H A LONGHOUSE MS Lect Engin Graphics and Mach 123R T LORENZEN MS Assoc Prof Structures

12D C LUDINGTON PhD Assoc Prof Agr Waste Treatment

23E D MARKWARDT MS Prof and Ext Ldr

12W F MILLIER PhD Prof Power and Mach
2R A PELLERIN MS Res Assoc Mater Handling Equip

2J G POLLOCK BS Res Assoc Power and Mach

2T B S PRAKASAM PhD Res Assoc Agr Waste Treatment

4D R PRICE MS Assoc Prof Elec

12G E REHKUGLER PhD Assoc Prof Power and Mach

4N R SCCTT PhD Assoc Prof Structures and Environ

4E S SHEPARDSON MS Prof and Coord Res

2A T SOBEL MS Res Assoc Agr Waste Treatment

13J W SPENCER PnD Vice Dir Coop Ext and Prof Rural Highways

23D C SPRAGUE MS Asst Prof Elec 2E G SRINATH PhD Agr Waste Treatment

23C S WINKELBLECH MS Prof Soil and Water and Mach

7250 **NEW YORK**

Agriculture—Continued

ENTOMOLOGY

123B V TRAVIS PhD Prof Med Ent and Parasit and Head of Dept

12C O BERG PhD Prof Limnol

123J L BRANN Jr PhD Prof Econ Ent

12W L BROWN Jr PhD Prof Taxon

123J E DEWEY PhD Prof Econ Ent

12G C EICKWORT PhD Asst Prof Morphol

12P P FEENY PhD Asst Prof Ecol

12J G FRANCLEMONT PhD Prof Taxon

12G G GYRISCO PhD Prof Econ Ent

123R G HELGESEN PhD Asst Prof Econ Ent

123W T JOHNSON PhD Assoc Prof Econ Ent and Plant Path

12J P KRAMER PhD Assoc Prof Ins Path

12D J LISK PhD Prof Pesticide Chem

123J G MATTHYSSE PhD Prof Econ Ent

123R A MORSE PhD Prof Apic 123A A MUKA PhD Prof Econ Ent

12R L PATTON PhD Prof Ins Physiol

123L L PECHUMAN PhD Assoc Prof Ent and Curator of ไทร

12DAVID PIMENTEL PhD Prof Ins Ecol

123E M RAFFENSPERGER PhD Assoc Prof Econ Ent

123W A RAWLINS PhD Prof Econ Ent

124R B RCOT PhD Assoc Prot Ins Ecol

123MAURIE SEMEL PhD Assoc Prof Econ Ent (PO Riverhead)

12M J TAUBER Ph! Asst Prof Ecol

12C F WILKINSON PhD Asst Prof Ins Toxicol

12R G YOUNG PhD Assoc Prof Ins Brochem

FLORICULTURE AND ORNAMENTAL HORTICULTURE

123J W BOCDLEY PhD Pro: Flor and Head of Dept 23ARTHUR BING PhD Prof Flor (PO Farmingdale)

1J D CARPENTER MLA Asst Prof Landsc Arch

123J F CORNMAN PhD Prof Ornam Hort

1R L DWELLE BLA Lect Landsc Arch

1Mrs ANN M ELLIOT BFA Lect Freehand Drawing

3C C FISCHER MS Assoc Prof Flor

17 T FOX PhD Assoc Prof Flor 123G L GOOD PhD Asst Prof Oman. Hort

3C F GORTZIG MS Asst Prof Flor 1R J LAMBERT MS Assoc Prof Freehand Drawing

123R W LANGHANS PhE Prof Flor

1R M LEWIS PhD Dir Cornell Plantations

3A S LIEBERMAN MS Assoc Prof Flor

12R G MOWER PhD Assoc Prof Omam Hort

1R J SCANNELL MLA Ass∞ Prof Landsc Arch 3E F SCHAUFLER MS Assoc Prof Flor

1234J G SEELEY PhD Prof Flor

12P L STEPONKUS PhD Asst Prof Ornam Hort

12H B TUKEY Jr PhD Prof Ornam Hort

FOOD SCIENCE

123R F HOLLAND PhD Prof and Head of Dept

123D K BANDLER BS Ext Spec

123R O BROWN Ext Aide

12P A BUCK PhD Assoc Prof Food Biochem

12N C DONDERO PhD Prof Applied Microbiol

12L F HOOD PhD Asst Prof Food Chem.
12W K JORDAN PhD Prof Food Engin

12J E KINSELLA PhD Asst Prof Lipid Chem

12F V KOSIKOWSKI PhD Prof Food Fermentations

123R I LACHMAN MS Tech Serv Engin
12R A LEDFORD PhD Assoc Prof Protein Chem

123R P MARCH MS Prof Dairy Ext

12N N POTTER Phil Assoc Prof Food Sci 12J W SHERBON PhD Assoc Prof Food Chem

12W F SHIPE Jr PhD Prof Flavor Chem.

123J C WHITE PhD Prof Food Microbiol

LIBERTY HYDE BAILEY HORTORIUM

120 M BATES PhD Assec Prof Bot and Dir

12W J DRESS PhD Prof Bot

3P A HYYPIO PhD Ext Ass∞ Bot

12J W INGRAM Jr PhD Assoc Prof Bot

12H E MOORE Jr PhD Prof Bot

2Mr.: NATALIE W UHL PhD | Senior Het Assoc Bot |

Agriculture-Continued

PLANT BREEDING AND BIOMETRY

123R L PLAISTED Ph!" Prof Potato Brdg and Head of L'ept

12R E ANDERSON PhD Assoc Prof Sugarbeet Brdg

12Mrs AURORA V CALO PhD Res Assoc

121. V CROWLER PhD Fro! Plant Brdg and Internati Agr

12W T FEDERER PhD Prof Biol Statis Biomet Unit

12C O GROGAN PhDProf Com Brdg12N F JENSEN PhDProf Cereals Brdg

12C C LOWE PhD Prof Forage Brdg

12C E MANCHESTER Res Assoc Com Brdg

12H M MUNGER PhD Prof Veg Crops and Plant Brdg
12R P MURPHY PhD Prof Forage Brdg

123W L PARDEE PhD Prot Plant Brda 12C H PEARSON PhD Senior Res Acsoc

12D S ROBSON PhD Prof Biol Statis Biomet Unit

125H M SCHAAF PhD Prof Forage Brda

128 R SFARLE PhD Prof Biol States Biomet Unit

12D L SOLOMON PhDAsst Prof Biol Statis Biomet Unit12D H WALLACE PhDAssoc Prof Veg Crops and Plant

Brdg

PLANT PATHOLOGY

123G C KENT PhD Prof and Head of Dept

12! I BATEMAN Phi. Fre: Pathogen and Dis Physiol

123S V BEER PhD Asst Prof Fruit Dis

12C W BOOTHROYD PhD Prof and Assoc Head Corn Dis

125B R BRODIE PhD Assoc Prof Nematol

23R C CETAS PhD Assoc Prof Veg Dis (PO Riverhead)
12R S DICKEY PhD Prof Phytobact
123A W DIMOCK PhD Prof Ornam Dis and Epidem

23M B HARRISON PhD Ass∞ Prof Nematol (PO Farmingdale)

23R K HORST PhD Asst Prof Ornam Dis

3W T JOHNSON PhD: Assoc Prof Tree Pests 4-H

23E D JONES PhD Assoc Prof Potato Dis 123R P KORF PhD Prof Mycol

23J W LORBEER PhD Assoc Prof Veg Dis

123W F MAI PhD Prof Nemotol
12R L MILLAR PhD Prof Path Physiol and Forage Dis
23K G PARKER PhD Prof Fruit Dis

2L C PETERSON PhD Prof Potato Dis

25W F ROCHOW PhD Prof Virol

12A F ROSS PhD Prof Virol

2340 F SCHULTZ PhD AssocProf Field Crop Dis

3A t SHi RE PhD Prof Vea Lis

1234 W A START ATE PAD Prof Ved LTS

1234 W A START ATE PAD Assoc Prof Tree Dis

12H D THURSTON PAD Prof Internat Agr

23R F. WILKINSON PAD Assoc Prof Veg Dis

23C E WILLIAMSON PAD Assoc Prof Ornam Dis (PO Farmingdale)

POMOLOGY

12L JEEGERTON PhD Prof Prod and Head of Dept 23G D BLANPIED PhD Assoc Prof Storage

12L. L. CREASY PhD Assoc Prof Biochem Flavonoids 23G H. CRERLY FEE Assoc Prof Nutr

12L E POWELL Jr PhD Assoc Prof Tree Physiol

12R M SMOCK PhD Prof Storage

13J P TOMKINS PhD Assoc Prof Small Fruits

2MARY H WILDE PhD Res Assoc Anat

POULTRY SCIENCE

12R J YOUNG PhD Prof Anim Nutr and Head of Dept 12R F AUCTIC PhD Asst Prof Anim Nutr 12R C BAKER PhD Prof Food Sci

12ANDRE BENSADOUN PhD Assoc Prof Avian Physiol

12S E BLOOM PhD Asst Prof Cytogenet

12R K COLE PhD Prof Anim Genet
2W F DE AN PhD Senior Res Assoc Anim Nutr (PO Eastport)

30 F JOHNDREW Jr MS Assoc Prof Poultry

12M C NESHEIM PhD Prof Anim Nutr 3C E OSTRANDER MS Assoc Prof Poultry

3E A SCHANO MS Assoc Prof Poultry

12M L SCOTT PhD Prof Anim Nutr

3G H THACKER MS Assoc Prof Poultry

12ARI van TIENHOVEN PhD Prof Avian Physiol

NEW YORK 7250-7260

Agriculture—Continued

SOCIOLOGY (RURAL)

123H R CAPENER PhD Prof and Head of Dept Community and Regional Devlpmt

15W W BAUDER PhD Prof Occup Res

12PIERPE CLAVEL PhD Prof Planning and Regional Dev.pr t

13G J CUMMINGS PhD Prof Bural Devil, int 123P B EPPRO PhD Assoc Fruit Political Social

123E C ERICKSON PhD Assoc Prof Community Devlpmt and Social Change

1A G FELDT PhD Assoc Prof Ecol and Urban Planning
5 H - IM EY PhC has Absoc Inter-Crain Rolat
12 D - ROMAN SPHE Assoc Prof Ecol and Urban Planning
6 Has Absoc Inter-Crain Rolat
Assot Prof Res Methods and Statis
120 F LARSON PhD Prof Rural Social Syst and Public Policy

12R A POLSON PhD Prof Community Devlpmt and Social Change

12% W mf.El.Elk Pa^{re} - Prof Decicion-ruking Plunning Cocia. Chan ie

3BERNICE MISCOTT MA Assoc Prof Youth Recrea-

12J E. J. A. (KU ALF) PhD — A.s. t Prof Ediship and Sociol of A m

12PHILIP TAIETZ PhD Prof Geron and Social of Occup 1W F WHYTE PhD Prof Human Relat and Organ Behavior

IL K WILLIAMS PhD Assoc Prof Organ Behavior

1R M WILLIAMS Jr PhD Prof Amer Society Social Organ and Change

12F W YOUNG PhD Prof Compar Societal Anal

2Mrs RUTH C YOUNG PhD Res Assoc Compar Societal Anal

VEGETABLE CROPS

123E B OYER PhD Prof Plant Physicl and Head of Dept 2S L DALLYN PhD Prof Variety Eval and Nutr (PO Riverhead)

23E E EWING PhD Assoc Prof Flant Physiol Potatoes

2J D HAR IMAN Pal Prot Post Har est Physicl

2C Y SU Pr. Bes Assoc Plant Physiol

23 M ISENBERG PhD | Prof Post Harvest Physiol

12W C KELLY PhD Prof Veg Nutr 123P A MINGES PhD Prof Variety Eval and Ext

23P L MINOTTI PhD Asst Prof Lettuce Brdg and Muck Crop Nutr

12F M VUNGER Ph' Prof Ver Crops and Plant Brda 124J L WIBUN PhD Assoc Prof Plant Physiol

20 H PEARSON PnD Senior Res Assoc Veg Crops and Plant Brdg

23R F SANDSTED PhD Assoc Prof Legume Crops

2P A SCHIPPERS DSc Senior Res Ass∞ Post Harvest Physiol (PO Riverhead)

12RAYMOND SHELDRAKE Ir PhD Prof Plastics and Flant Growing

3J B SIECZKA BS Ext Spec Potatoes 12R D SWEET PhD Prof Weed Control

123L D TOPOLESKI PhD Assoc Prof 4-H Ext

2D H WALLACE PhD Assoc Prof Veg Crops and Plant Brdg

Division of Biological Sciences

7255

BIOCHEMISTRY AND MOLECULAR BIOLOGY

12J L GAYLOR Fh2 Prof and Chan of Sect Sterol B.osynth.

12J M CALVO PhD Asst Prof Biochem Control Mechanisms

12LOUISF J CANIEL PhD Prof Biochem Functions of Vitamins

124R W HOLLEY PhD Prof Biochem Nucleic Acids 12ELITABETH B KILLER PhI Asst Prof Prosynth

Proteins 12R E McCARTY PhD Asst Prof Electron Transport Phosphorylation

12A L NEAL PhD Assoc Prof Metabolism Plant Path Organisms

12W L NELSON PhD Prof Cellular Growth and Function 12EFBAIM KACKEF MU Frot Biochem Energy Metab 12H H WILLIAMS Ph.D. Prot Biochem Protein Biosynth

Division of Biological Sciences-Continued

ECOLOGY AND SYSTEMATICS

12J & HUESON PED Assoc Prof and Chmn of Sect 12J P BARLOW PEP Assoc Prof Oceanog

12T J CADE PhD Prof Zool

12W N McFAFLAND PhP Assec Prof Zool

12F II PCUGH PLD Asst Prof Herpetol
12E C RANEY PhD Prof Zool and Fishery Biol

12L D UHLER PhD Prof Biol

GENETICS, DEVELOPMENT, AND PHYSIOLOGY
12H T STINSON Jr PhD Prof Genet and Chmn of Sect

12H P BANKS PhD Prof Bot 12P J BRUNS PhD Asst Prof Genet

12R K CLAYTON PhD Prof Biophys in Applied Phys

12W S COHEN PhD Res Plant Physiol
12P J DAVIES PhD Plant Physiol

12G R FINK PhD Asst Prof Genet

12A T JAGENDORF PhD Prof Plant Physiol

12J M KINGSBURY PhD Pro: Be:

12J V LEARY PhD Genet

12R J MACINTYRE PhD Asst Prof Genet

12W J MCBRISCN PhD Genet

12L I PAOLILLO Ir PhD Prof Bot

12M V PARTHASARATHY PhD Plant Anat

12 RYRIE PhD Res Assoc Plant Physio!

12LOUIS CHERMAN PhD Phys

12% E SIGTROM Ph.D. Phys

12R M SPANSWICK PhD Asst Prof Plant Physiol

12A M SRB PhD Prof Genet

12C H UHL PhD Assoc Prof Bot

12BRUCE WALLACE PhD Prof Genet

12S E. WILLIAMS PhD Plant Physiol

12H F YAU PhD Res Assoc Phys

LABORATORY OF CELL PHYSIOLOGY, GROWTH, AND DEVELOPMENT

12F C STEWARD PhD DSc FRS Alexander Prof of Biol Sci and Dir of Lab

2H W ISHAEL, PhD Senior Res Assoc Electron Micros Plant Cells

2R L MOTT PhD Res Assoc Plant Nutr at the Cellul Level

MICROBIOLOGY

12JANE GIBSON PhD Assoc Prof Microbiol and Actg Chain of Sect

12E A DELWICHE PhD Prof Microbiol

12R E MacDONALD PhD Assoc Prof Bact

12H B NAYLOR PhD Prof Microbiol

12H W SEELEY Jr PhD Prof Microbiol

12L I SLOBIN PhD Asst Prof Immunochem

12P J VAN DEMARK PhD Prof Microbiol

12S A ZAHLER PhD Assoc Prof Microbiol

NEUROBIOLOGY AND BEHAVIOR

12W T KFETCN PhD Prof Biol and Chmn of Sect 12H W AMBROSE PhD Asst Prof Biol

12J M CAMHI PhD Asst Prof Biol

12THOMAS EISNER PhD Prof Biol 12R D O'BRIEN PhD Prof Neurobio!

WEIGAND HERBARIUM

12R T CLAUSEN PhD Prof Bot

Human Ecology

7260

COMMUNITY SERVICE EDUCATION

123KATHLEEN RHODES PhD Prof Curriculum and Higher Educ and Actg Chmn of Dept

1R J BABCCCK Assoc Prof EdD Counseling and Vocat Decision Making

124SARA E BLACKWELL PhD Prof Educ Eval 1ALICE J DAVEY MS Assoc Prof Problem Solving 134IRENE I IMBLER PhD Asst Prof Adult Educ

12MARION MINOT PhD Asst Prof Curriculum and

Second Educ 123Mrs HELEN Y NELSON PhD Prof Educ Eval and Supervision

7260-7280 **NEW YORK**

Human Ecology-Continued

23LUCINLA A NOBLE PhD Assoc Prof Family Intervention

3Mrs ARPIE SHELTON MSW Ext Assoc Gerontol 23Mrs JOAN W WRIGHT PhD Asst Prof Adult Educ 2Mrs BETTIL LEE YERKA MS Assoc Prof Adult Educ

CONSUMER ECONOMICS AND PUBLIC POLICY 123GWEN J BYMERS PhD Prof Econ and Chmn of Dept

34H B BIESDORF PhD Assoc Prof Econ 124L L BOWER PhD Assoc Prof Housing 12SIMONE CLEMHOUT PhD Assoc Prof Econ 12C B DANIELS PhD Asst Prof Housing

124Mrs MARJORIE GALENSON PhD Asst Prof Econ

12W E GAUGER PhD Asst Prof Econ 3A J HAHN PhD Asst Prof Housing 12E W MORRIS PhD Asst Prof Housing

1Mrs JEAN ROBINSON PhD Instr Econ 124Mrs ETHELL VATTER PhD Prof Econ, Asst Coord of Res in Human Ecol, and Asst Dir of Sta 1J A VILLEGAS MA Asst Prof Housing

12KATHRYN E WALKER PhD Assoc Prof Household Mgt 34ELIZABETH WIEGAND PhD Prof Household Econ

12MARY WINTER PhD Asst Prof Housing

DESIGN AND ENVIRONMENTAL ANALYSIS

123JOSEPH CARREIRO BS Prof Design and Chmn of Dept

12ROSE E STEIDL PhD Assoc Prof Mgt and Asst Chmn of Dept

3Mrs MALINDA ARGOTSINGER BS Ext Assoc Int Lesian

TROBERT BARTHCLOMEW MFA Asst Prof Design $3 \mbox{Mrs}$ MADELINE C BLUM MS - Assoc Prof Text and Cloth

IMICHAEL BOYL BA Asst Prot Design
IA E PUSHNELL MEA Asst Prof Design
IHELEN J CADY MEA — Assoc Prof Int I 1HELEN J CADY MFA Assoc Prof Int Design 134CARCY 5 CONKLYN MS Assoc Prof Text and Cioth

3Mrs PAMELA ERICKSON BS Ext Aide Text and Cloth

34C FI GARNER MEA - Assoc Prof Int Design 1Mrs ANITA GREZELAK MA - Instr Text and Cloth 1JOHN HANNA MFA Lect Design
3/2FLDA HOLLEY MS Ext Assoc Text and Cloth IMrs CAROLE JOHNSON MS Instr Text and Cloth

12JC3EPH KONCELIK MA Asst Prof Design 12BERTHA A LEWIS PhD Assoc Prof Text and Cloth 1F L MANN BArch Lect Design

3 Mrs JEAN McLEAN MS - Assoc Prof Text and Cloth 1Mrs ELSIE F McMURRY MA Assoc Prof Text and

2S H MENSCH BArch Res Assoc Design 1G C MILLICAN MFA Assoc Prof Int Design

1Mrs SHARON R OBENDORF MS Asst Prof Text and Cloth

125 H. OCTRANCER PhD Assoc Prof Social Psychol Env.ron

12MARY E PURCHASE PhD Assoc Prof Hishold Mgt and

3Mrs REGINA RECTOR BS Ext Assoc Design 12EVELYN F. STOUT EdD Prof Text and Cloth 1CLARA J STRAIGHT MFA Assoc Prof Design

1R K THOMAS BA Instr Design
12JAYNE VAN ALSTYNE MFA Asst Prof Design
1Mrs SUSAN M AATKINS MS Asst Prof Text and Cloth 124M VIVIAN WHITE PhL Assoc Prof Text and Cloth

HUMAN DEVELOPMENT AND FAMILY STUDIES 123H N RICCIUTI PhD Prof Psychol of Infancy and Childhood and Chmn of Dept

123Mrs HELEN M BAYER PhD Prof Psychol of Childhood and Adolescence

IW L BRITTAIN EdD Prof Psychol of Creativity 12URIE BRONFENBRENNER PhD Prof Personality Devlomt and Cult

12J C CONDRY PhD Asst Prof Social Psychol of Children's Groups

12R H DALTON PhD Prof Personality Dynamics

Human Ecology-Continued

1234F. C DEVEREUX Jr PhD Prof Social of Fam 12 J L DORIS PhD Prof Child Clin Psychol 12HAROLD FELDMAN PhD Prof Fam Sociol 12H P GINSBURG PhD Assoc Prof Psychol of Cognition Devlpmt of Children

1231 S HARDING PhD Prof Child Guidance and Educ 12Mrs LAUREL HODGDEN PhD Assoc Prof Nursery and Preschool Educ

123JANE KNITZER PhD Asst Prof Community Psychol 12LEE C LEE PhD Asst Prof Social and Personality Devlomt

12ANNE McINTYRE PhD Asst Prof Social and Clin Psychol

12Mrs JOY D OSOFSKY PhD Asst Prof Psychol Social and Personality Devlpmt

12Mrs MARGARET PARKMAN-RAY PhD Asst Prof Social Psychol of Role Behavior in Fam

12MARION POTTS PhD Asst Prof Nursery and Preschool Educ

123D P ROY PhD Asst Prof Adolescent Social 12GEORGE SUCI PhD Prof Psycholinguistics

HUMAN NUTRITION AND FOOD

123E ELIZABETH HESTER PhD Prof and Chmn of Dept 1Mrs ISABEL ALETAMS Lect Admin Dietetics 12GERTRUDE D ARMBRUSTER PhD Assoc Prof Food Sci

12Mrs MARJORIE M DEVINE PhD Asst Prof Nutr 3MILDRED S DUNN MA Assoc Prof Food and Nutr 1Mrs HELEN H GIFFT MS Assoc Prof Food and Nutr 3Mrs RUTH N KLIPPSTEIN MS Assoc Prof Food and Nutr

12NELL I MONDY PhD Assoc Prof Food Sci 12MARY A MORRISON PhD Prof Nutr 1KATHERINE J NEWMAN PhD Assoc Prof Nutr 12M J PICHEL BS ChE Asst Prof Food Sci 1SUSAN PICKELS MS Inst Food and Nutr

12JERRY M RIVERS PhD Assoc Prof Nutr 123Mrs DIVA SANJUR PhD Asst Prof Nutr 12RUTH SCHWARTZ PhD Assoc Prof Nutr 12Mrs JEAN SNOOK PhD Assoc Prof Nutr

3Mrs KATHRYN O VISNYEI MS Asst Prof Inst Dietetics
3Mrs MARJORIE B WASHBON MS Prof Food and Nutr 12CHARLOTTE M YOUNG PhD Prof Nutr

Miscellaneous (Agr and Human Ecol)

7270

123R J BABCOCK EdD Assoc Prof Human Ecol and Dir of Placement

IL W FEDDEMA PhD Asst Prof Pers Admin in Chg of Admissions (Agr) and Liaison with State of N Y and Transfer Stud Counselor (Agr)

1MARGARET GAFFNEY MA Asst Prof Human Ecol and Stud Counselor

IBARBARA MORSE MA Asst Prof Human Ecol and Stud Counselor

1H T MURPHY MALS Libr Albert R Mann Libr 1HELEN J PAPE MA Asst Prof Human Ecol and Stud Counselor

1S R SHAPLEY BS Prof Pers Admin in Chg Stud Pract (Agr)

1HS TYLER PhD Prof Pers Admin in Chg Vocat Guidance and Placement (Agr)

ILUCY L WOOD EdSpec Instr Human Ecol and Stud Counselor

123MARY B WOOD MSEd Assoc Prof Human Ecol Asst to Dean for Intercultural Affairs and Ext Ldr

Veterinary Medicine ANATOMY

7280

12R E HABEL DVM MSc MVD Prof Vet Anat and Head of Dept

12J F CUMMINGS DVM PhD Asst Prof Vet Anat 12ALEXANDER de LAHUNTA DVM PhD Ass∞ Prof Vet Anat

12 H E EVANS PhD Prof Vet Anat and Secy Col 12J T INGRAM DVM Visiting Asst Prof Vet Anat

7280-7300 **NEW YORK**

Veterinary Medicine-Continued

AVIAN DISEASES

123S B HITCHNER VMD Prof Avian Dis and Head of Dept 3C I ANGSTROM DVM Dir of Poultry Lab (Kingston)

123B W CALNEK DVM MS Prof Avian Dis

2JULIUS FABRICANT VMD PhD Prof Avian Dis

3JEAN R HAGAN DVM Dir of Poultry Lab (Oneonta)

3LOUIS LEIBOVITZ VMD Field Vet (Eastport)

123P P LEVINE DVM PhD Prof Avian Dis

3SAUL NAROTSKY DVM Dir of Poultry Lab (East Aurora)

1M C PECKHAM DVM Prof Avian Dis

3JESSIE I PRICE PhD Res Spec Poultry Lab (Eastport)
3THCMAS TOTH DVM Res Spec (Eastport)

3W D URBAN VMD Dir Duck Res Lab (Eastport)

LARGE ANIMAL MEDICINE, OBSTETRICS, AND SURGERY 12S J ROBERTS DVM MS Prof Vet Med and Obstet and

Chmin of Dept

12JOHN BENTINCK-SMITH DVM Prof Vet Path

12G R BJORCK DVM PhD Visiting Prof of Surg

3V L BOLDT DVM Field Vet (Mastitis-East Aurora)

12R K BRAUN DVM Asst Prof in Dept of LAMOS
3H L BROWN DVM Field Vet (Mastitis—Earlville)

12D D DELAHANTY DVM MS Prof Vet Surg

12H O DUNN PhD Senior Res Assoc

13L E FIELD DVM Field Vet (Mastitis - Ithaca)

12F H FOX DVM Prof Vet Med and Obstet

12J C GEARY DVM Prof Radiol

13R S GUTHRIE DVM Supervising Vet (Mastitis)

12C E HALL DVM. Assoc Prof of Reprod Studies

123N B HAYNES DVM Assoc Prof Vet Sci

12R B HILLMAN DVM MS Assoc Prof Vet Med and Obstet

12R F KAHRO DVM PhD Assoc Prof Vet Epidem

3W E LINQUIST DVM Field Vet (Mastitis - Amsterdam)

12J E LOWE DVM MS Assoc Prof Vet Surg

12F F McCASHIN VMD MS Asst Prof Vet Surg

123KENNETH McENTEE DVM Prof of Med and Path and Assoc Dean for Clin Studies

12N L NORCROSS PhD Prof Immunochem 12D S POSTLE DVM MS Assoc Prof Vet Sci

12H F 3CHRYVER DVM PhD Assoc Prof of Path and Dir of Equine Res Prog

12] B FASKI'R I'VM PhD Prof Clin Path

3H C TEMPLE DVM Field Vet (Mastitis-Kingston)

12) T NAUGHAN LVM Pro: Vet Surg and Dir of Large Anim Clin

3L A WAGER DVM Field Vet (Mastitis - Canton)

12R H WHITLOCK DVM PhD Asst Prof Vet Med

12A J AIN. ER LVW PhD Froi Vet Micros

MICROBIOL CGY

12D W BRUNER PhD DVM Prof Vet Microbiol and Chmn of Dept

12M J AFFI I. DMV PhD Assoc Prot Vet V.rol 12J A BAKER PhD DVM Prof Vet Virol and Dir Vet Virus Res Inst

123 G TAMP FILL, BVMS FhD A, sec Prof Vet Microbiol 124; E CARM! THAEL, DVM PhD Prof Vet Virol

12." H GILLESPIE VMD - Frof Vet Bact

12K M LEE MD PhD Assoc Prof Virol

12GEORGE LUST PhD Asst Prof Biochem

12F W SCC CT DVM PhD Asst Prof Vet Microbiol
12F FLORE CY PhD Prof Nutr and Asst Dir Cornell Res Lab. or Dis Dogs

PATHOLOGY

12C G RICKARD DVM PhD Prof Vet Path and Chmn of Dept Assoc Dean for Pre-Clin Studies

12C I BOYER Jr VMD MS Prof Lab Anım Med

12LEROY COGGINS DVM PhD Assoc Prof Vet Virol 12011 COPTE CUGHERTY HI VMD Phi Senior Hes

Arroc 123J R GEORGI DVM PhD Prof Vet Parasitol

12. M KING DVM PhD Assoc Prof Vet Path

12L P KROOK DVM PhD Prof Vet Path

12F M NORONHA DVM. Prof Vet Virol

12S R NUSPAUM DVM Dir Dragnostic Lan 12J E POST DVM PhD Assoc Prof Vet Path

12W J SICKLES DVM Senior Res Assoc

Veterinary Medicine-Continued

12F E WATERMAN DVM Senior Res Assoc 12J H WHITLOCK DVM MS Prof Vet Parasitol

PHYSICAL BIOLOGY

12C L COMAR PhD Prof Phys Biol and Head of Dept 124ALISON P CASARETT PhD Assoc Prof Phys Biol

12R A CORRADINO PhD Res Assoc

12P H CRAIG VMD MS Assoc Prof Path

12E L GASTEIGER Jr PhD Prof Phys Biol

12F L HILTZ PhD Senior Res Assoc

12F A KALLFELZ DVM PhD Asst Prof Radiat Biol

12 RUTH Z KORMAN PhD Res Assoc

12F W LENGEMANN PhD Prof Radint Biol

12HOWARD MORAFF PhD Senior Pes Assoc

12L L NANGEPONI DVM MS | Assoc Prof Vet Phys

12D N TAPPER VMD PhD Prof Phys Biol

12AN TAYLOR PhD Senior Res Associ

12J C THOMPSON Jr. PhD Assoc Prof Environ Hadiat Biol

12R H WASSERMAN PhD Prof Radiant Biol 12R A WENTWORTH PhD Senior Res Assoc

PHYSIOLOGY, BIOCHEMISTRY, AND PHARMACOLOGY

12A F SELLERS VMD PhD Prof Vet Phys and Head of Dept

12% J ARION PhD Asst Prof Physiol Chem

12A L ARONSON DVM PhD Assoc Prof Vet Pharmacol

12E N BERGMAN DVM PhD Prof Vet Phys

124ALAN DOBSON PhD Pro: Vet Phys

12F D McLEOD Jr BS Res Spec Phys

12C E STEVENS DVM PhD Prof Vet Phys

12J F WOOTTON PhD Prof Physiol Chem

SMALL ANIMAL MEDICINE AND SURGERY

12RW KIRK DVM Prof Small Anim Mediana Dir et Small Anim Clin and Chmn of Dept

12S I BISTNER DVM Asst Prof Small Anim. Med

12G A BOLTON DVM Asst Prof Small Anim Med

12T H BRASMER DVM Assoc Prof Small Anim Surg 12G F. RCSS Jr DVM MS Assoc Prof Small Anim. Surg

MISCELLANEOUS

1H G MOWERS Farrier 1MARION NEWSON RN Med Illus 1MIA REINAP BS BS (Libr Sci) Libr

New York State Agricultural Experiment Station,

Geneva 14456 (Main tel 315-787-2011)

2Station Staff 3Extension 4Leave of Absence 5Coop USDA

7285

2D W BARTON PhD Dir (315-787-2211) 2B F. CLARK PhD Asst Pur (315-787-2243)

Entomology

7300

2E H GLASS PhD Prof Fruit Ins and Head of Dept (315-787-2321)

2J A ADAMS PhD Assoc Prof Corn Ins (PO Highland)

2HEINRICH ARN PhD Asst Prof Insecticide Assay

2P J CHAPMAN PhD Prof Emer Fruit Ins Ecol

2A C DAVIS PhD Assoc Prof Veg Ins

2R W DEAN PhD Prof Emer Fruit Ins (PC Highland)

2C J ECKENRODE Jr PhD Asst Prof Vec Ins

25B J FIORI PhD Asst Prof Soil Ins 2F D JUDGE PhD Asst Prof Veg Ins

2R E KUHR PhD Asst Prof Ins Toxicol

2S E LIENK PhD Prof Fruit Ins 2% L ECELOFS PhD. Assoc Prof Ins Attract on

2G A SCHAEFERS PhD Assoc Prof Small Fruits Ins

2M U SHAIKH PhD Res Assoc Ins Physiol

2Mrs CLARA M SPLITTSTOESSER PhD Res Assoc Ins Path

2T N TAFT BS Expt Grape Ins (PO Fredonia)

2E F TASCHENBERG PhD Prof Grape Ins (PO Fredonia)

2HARUC TASHIRO PhD Prof Nursery and Turning

Entomology-Continued

2J F TETTE PhD Res Assoc Chemistry 2KENNETH TRAMMEL PhD Assoc Prof Fruit Ins

2L H WATERS MS Res Assoc Fruit lns (PO Highland)

2D R WEBB MS Expt Veg lns

Food Science and Technology

7310

2W B ROBINSON PhD Prof Fruits Vegand Juices Fermentation and Head of Dept (315-787-2254)

2T E ACREE PhD Asst Prof Physical Biochem 2J J BERTINO BA Res Tech Fermentation

2J B BOURKE PhD Asst Prof Pesticides (Ins Herbifungicides)

2M C BOURNE PhD Assoc Prof Fruits Veg and Juices (PO College Laguna, Philippines)
2R M BUTTS BS Electron Tech Chromatograph Anal

2D L DOWNING PhD Asst Prof Fruit Veg and Juices

2S D GIBBS BS Chem Technol Agr Chem

2L R HACKLER PhD Assoc Prof Nutr and Nutr Values Amino Acids

2Y D HANG PhD Res Assoc Food Prod Food Proc Wastes

2GEZA HRAZDINA PhD Asst Prof Biochem Mech

2R L LABELLE BCE Prof Fruits Veg and Juices

2C Y LEE PhD Asst Prof Carbohydrates Fruits Veg and Juices

2L R LIND BS Expt Fruits Veg and Juices

2G L MACK PhD Assoc Prof Pesticides (Ins Herbifungicides)

2L M MASSEY Jr PhD Prof Physiol Postharvest Biochem Technol

2L R MATTICK PhD Prof Chromatograph Anal Biochem Anal Flavors Bioinstrumentation

2J C MOYER PhD Prof Food Engin

2A K MOZINGO MS Res Tech Flavors

2G F RICKEY BS Chem Tech Anim Feeds

2G D SARAVACOS PhD Asst Prof Chem Engin

2R S SHALLENBERGER PhD Prof Carbohydrates 2D F SPLITTSTOESSER PhD Prof Bact

2J R STAMER PhD Assoc Prof Bact

2K H STEINKRAUS PhD Prof Food Prod

2G S STOEWSAND PhD Asst Prof Food and Feed Additives Anim Toxicol

2HIRCSHI SUGIMOTO PhD Res Assoc Enzymes Coenzymes

2J P VANBUREN PhD Prof Biochem Mech

2G D WOOSTER MS Res Assoc Chem Engin

731 5

2H PAULINE JENNINGS BLS Libr (315-787-2214)

Plant Pathology

7320

2RM GILMER PhD Prof Nursery Stock Disand Head of Dept (315-787-2326)

2A J BRAUN PhD Prof Small Fruit Dis

2J D GILPATRICK PhD Asst Prof Orchard Fruit Dis

2J H FRIDRICH MS Res Assoc Orch Fruit Dis (PC Highland)

2A L GRANETT PhD Sen Res Assoc Electron Micros

2J A KEPLINGER Jr MS Expt Small Fruit Dis

2J J NATTI PhD Prof Veg Dis 2J R NEVILL MS Res Tech Orch Fruit Dis

2R S PROVVIDENTI DSc Res Assoc Veg Dis

2W T SCHROEDER PhD Prof Veg Dis

2MICHAEL SZKOLNIK PhD Prof Orchard Fruit Dis

2J K UYEMOTO PhD Asst Prof Virol

Pomology

7330

2JOHN EINSET PhD Prof Brdg and Head of Dept (315-787-2231)

2J C CAIN PhD Prof Physiol

2D C CROWE Tech Assoc Vitic (FO Fredonia)
2J N CUMMINS PhD Asst Prof Propagation
2O F CURTIS Jr PhD Assoc Prof Physiol
2C G FORSHEY PhD Prof Physiol (PO Highland)

2G E HOWARD Expt Vitic 2R V JENSEN Expt Pomol

2W J KENDER PhD Assoc Prof Physiol 2K H KIMBALL MS Res Assoc Vitic

2R C LAMB PhD Assoc Prof Brdg

Pomology-Continued

2M W MicKEE MS Res Assoc Pomol

2A G OTTERBACHER MS Expt Propagation

2DK OURECKY PhD Assoc Prof Brdg

2CHARLOTTE S PRATT MA Res Assoc Bot

2JE REICH MS Expt Brdg

2N J SHAULIS PhD Prof Vitic

2J P WATSON MS Fruit Technol Brdg

2R D WAY PhD Prof Brdg

Publications

7331

2R EKRAUSS BS Ed and Res Inform Spec and Head of Dept (315-787-2248)

Seed Investigations

2L W NITTLER PhD Prof Grain Turf and Forage Seed Variety Purity and Head of Dept (315-787-2245)

2C CANCJULU MS Seed Technol Seed Physiol

25S W BRAVERMAN PhD Assoc Prof Plant Introduction

2B E CLARK PhD Prof Veg Seed Res
25D D DOLAN PhD Assoc Prof and Regional Coord of Plant Introduction

2R E DRURY PhD Res Assoc Seed Physiol

2G E HARMAN PhD Asst Prof Seed Microbiol

2C E HEIT BS Seed Technol Flower and Tree Seed Germ

2T J KENNY BS Seed Technol Grain and Forage Seed Variety Purity

2A A KHAN PhD Asst Prof Seed Physiol

2Mrs DOROTHY B KLINE BS Seed Technol Veg Seed Germ

2Mrs BETTE NELSON Seed Technol Turf Seed Purity 2S R PATRICK BS Seed Technol Veg and Turf Seed Germ

2W R SHERRING MS Res Tech Plant Introduction 2E C WATERS Jr MS Res Tech Grain and Forage Seed Purity and Germ

Vegetable Crops

7333

2M TV1TTUM PhD Prof Veg Crops and Head of Dept (PC College of Laguana, Philippines) (315-787-2217)

2D J CANTLIFFE MS Res Assoc

2A F CARRUTH BS Expt Hort

2M H DICKSON PhD Assoc Prof Genet (Beans Cabbage)

2G H GIBBS BS Seed Technol Hort

2G E MacDONALD MS Expt Soil Fert

2G A MARX PhD Assoc Prof Genet (Peas)

2WILLIAM MISHANEC BS Expt Genet (Peas Tomatoes) 2N H PECK PhD Assoc Prof Soil Fert

2R W ROBINSON PhD Assoc Prof Genet (Tomatoes Cucumbers) 2STANTON SHANNON PhD Assoc Prof Plant Physiol

State University College of Forestry at Syracuse University, A College of the State University of New York, Syracuse 13210 (Main tel 315-476-3151)

1College Staff 4Leave of Absence 5Coop USDA 60ther Cooperating Institutions 9A-TR, M-S Program 7Research Foundation of State University of New York Staff

7334

1S B GOULD LLD Chanc of Univ (518-474-4060)

1H W PORTER PhD Prov of Univ (518-474-6053)

IE E PALMER PhD Pres of Col of For

IP F GRAVES PhD Assoc Dean for Col Forests and Public Serv and Cont Educ and Dir Sch Resources Mat

19R E PENTONEY PhD Assoc Dean for Res and Dir Sch Phys Sci

1R A ZABEL PhD Assoc Dean for Instr and Dir Sch Biol Sci

IW L. WEBB PhD Dir Grad Studies

1T J HOVERTER MA Libr 1D G ANDERSON PhD Asst Dean for Admin

1J D MABIE BS Asst Res Coord

7336-7360 NEW YORK

Applied Forestry Research Institute	7336	Forest Management—Continued
1R L MARLER MF Dir of Inst		IW J SULLIVAN BS Instr
1J B CCDY MI' Senior Res Associand Proj Ldr		IW P TULLY MSCE Assoc Prof For Engin
1W J GABRIEL BS Senior has Associand Proj Ld	Γ	1W D WENGER Jr MS Instr Social Psychol and Outdoor
10 G GRIMBLE MF Res Assoc and Proj Ldr		Recr
1R D NYLAND PhD Senior Res Assoc and Proj L	dr	
E t es t B . Berein Literature	7220	Forest Zoology 7348
TBENGT LEOPOLD PhD Prof Organic and Wood	7338 Chem	1M M ALEXANDER PhD Prof Anim Ecol and Chmn of Dept
and Dir of Inst	Onem	1D F BEHREND PhD Res. Associand Dir Huntington
1C W DENCE PhD Senior Res Assoc and Assoc 1	Prof	For Wildlite Res
Organic Chem		1RH BROCKE PhD Res Assoc Wildlife Biol
1PHILIP LUNER PhD Senior Res Assoc and Prof	Phys	IR E CHAMBERS PhD Asst Prof Pop Ecol
Cherr.		ID L DINDAL PhD Asst Prof Invert Ecol
1R E MARK PhD Senior Res Assoc and Assoc Pr	of	IW E GRAVES PhD Asst Prof Vert Physiol
Fiber Phys		1R C HARTENSTEIN PhD Prof Invert Physiol
1Mrs RENATA MARTON PhD Senior Res Associa	ind Prof	1H H PAYNE EdD Prof Wildlife Conserv and Dean of
Pulp and Paper Res	CI	Stud
1SAMUEL ROTHENBERG MS Res Ausoc Organic	Chem	1E O PRICE PhD Asst Prof Anim Behavior
Forest Botany and Pathology	7340	1W C TIERSON MF Asst Prof and Mar Huntington For 1W L WEBB PhD Prof Wildlife Mgt and Dir Grad Studies
1H B TEPPER PhD Prof Plant Anat and Chmn of D		IN L WEBB PIED Prof winding wigh and bit Glad Stadles
15 W GEIS MS Instr For Bot	ЭСРС	Forestry Economics 7350
1DH GRIFFIN PhD Asst Prof Bot and Mycol		1W A DUERR PhD Prof Econ For Prod and Chmn of
1E H KETCHLEDGE PhD Prof Ecol and Bryol		Dept
IJ L LOWE PhD Res Prof Mycol		1GR ARMSTRONG PhD Prof Econ Wood Using Indus
1P D MANION PhD Asst Prof Phytopath		1J D BENNETT BA Assoc Prof Econ Theory
1L L McDOWELL. PhD Res Assoc Phytopath		IN B CHRISTIANSEN PhD Assoc Prof Econ For Prod
1J L MORRISON PhD Prof Plant Syst		IC R MILLER PhD Assoc Prof Mktg and Consumption
1MICHAIL SCHAEDLE PhD Asst Prof Plant Phy	siol	of For Resources
1S B SILVERBORG PhD Prof Phytopath		1JANIS PETRICEKS MS Assoc Prof
1F A VALENTINE PhD Prof Plant Genet	- 1	O(f) (1) LE
1Mrs CHUN-JUAN K WANG PhD Assoc Prof Myce 1H E WILCOX PhD Prof Plant Physiol	31	Office of International Forestry 7352 1C C LARSON PhD Prof and Dir of Office
1R A ZABEL PhD Prof Phytopath and Assoc Dec	n for	1G M GARTHE MF Instr
Instr and Dir Sch Biol Sci	101	OW OWITHE WE HIGH
		Paper Science and Engineering 7354
Forest Chemistry	7342	1F W O'NEIL MS Prof Pulp and Paper Sci and Chmn of
1CONRAD SCHUERCH PhD Prof Lignin and Cel	lulose	Dept
Chem and Chmn of Dept		1JP BAMBACHT MS InstrPulp and Paper Sa
1R H BAUM PhD Asst Prof Plant Biochem		1S N GORBATSEVICH MS Assoc Prof Pulp and Paper
1E C JAHN PhD Prof Wood Chem		Sci
1R T LaLONDE PhD Prof Chem of Terpenes and	Ali-	1T J STENUF PhD Prof Chem Engin
cyclics		1R W STRAUSS PhD - Frof Pulp and Paper Sc.
13 A MEYER PhD Assoc Prof Nuclear Chem 1ANATOLE SARKO PhD Asst Prof Polymer Cher	n	Public Service and Continuing Education 7356
1E M SILVERSTEIN PhD Prof Ecol Chem	••	1J M YAVOPSKY PhD Prof and Dir
1JOHANNES SMID PhD Prof Polymer Chem		1A H BISHOP MS Assoc Prof Wood Prod Engin and
1ERNEST SONDHEIMER PhD Prof Plant Biocher	n and	Retriever-Abstractor STS Prog
Biosynthesis		1H W BURRY MF Assoc Prof Wood Util Ext
1T ETIMELL PhD Prof Cellulose Chem and Dir		1R W COCHRAN MS Assoc Prof Public Relat
Cellulose Res Inst		1R C DECKERT MF Assoc Prof Wood Util Ext
1D CWALTON PhD Assoc Prof Plant Biochem		1A F HAMER MS Assoc Prof and Dir Cont Educ
F .F. 1	7044	1D L HANSELMAN PhD Assoc Prof Audio Vis
Forest Entomology	7344	1R R KARNS BS Instrand Ed Assoc
1J B SIMEONE PhD Prof Ins Ecol and Morphol an Chmn of Dept	IC	1H C MILLER PhD Assoc Prof Ent Ext
1D C ALLEN PhD Asst Prof Ins Ecol		1J D NOVADO BA Asst for Community Relat
1JEROME BREZNER PhD Assoc Prof Ins Physic	ol and	
Biochem		Ranger School at Wanakena 7358
1F E KUR(".FWSKI PhD) Assoc Prof Ins Behavio	or and	1JE FISHER BS Prof For and Dir of Ranger Sch
Taxor.		1D M CASTAGNOZZI MF Assoc Prof For
1TSUTOMU NAKATSUGAWA PhD Asst Prof Ins	ГохісоІ	1J E COUFAL MS Asst Prof For
		IC E MARTIN II MF Asst Prof For
Farest Management	7346	1R W MILLER BS Instr For
Forest Management 1R E GETTY MS Prof For Admin and Chmn of De		1K E REMELE MF Asst Prof For
1C A BICKFORD MS Prof Statis	·ρι	
1R H BROCK Jr MS Assoc Prof Photogram		School of Landscape Architecture 7360
1TIBERIUS CUNIA PhD Prof For Mensur		1B G SEARS MS Prof and Dir of School LAC LA NYS
1P F GRAVES PhD Prof For Policy and Admin a	nd	1G W CURRY MS Asst Fre:
Assoc Dean for Col Forests and Public Serv	and	1G F EARLE MFA Prof Art
Cont Educ and Dir Sch Resources Mgt		1C C FREEMAN BS Asst Prof
1A F HORN PhD LLD Prof For Policy and Admin 1J D KASILE MS Asst Prof Statis		1J R JOHST MLA Instr
1D E KOTEN PhD Assoc Prof For Policy and Ad	min	1A R LEWIS MCP Asst Prot 1F L MARAVIGLIA MS Asst Prof Graphics
1C N LEE MCE Prof For Engin and Dir Computer		1TSUNEKATA NAITO MLA Asst Prof
1D A MORRISON PhD Asst Prof For Recr	- -	1R G REIMANN BS Prof and Lie LA NYS
1D G PALMER MS Assoc Prof Indus Engin		1A T VIERTEL PhD Assoc Prof Landsc Arch Lie LA
1B T STANTON MF Prof Photogram		NYS
		125

7362-7380

NEW YORK-NORTH CAROLINA 1R W CUMMINGS Phi Admin Dean for Res (919-755-Silviculture 7362 IC E FARNSWORTH PhD Prof and Chmn of Dept 2117) 1.J.A. RIGNEY MS Admin Dean for Internat. Prog 1J V BERGLUND PhD Asst Prof 1F L BLACK PhE - Assoc Prot Watershed Mgt 1P J CHAUL PhD - Res Associand Asst Prof Stavic Res (919-755-2480) 4W L TURNER DPA Admin Dean for Univ Ext (919-1J H ENGELKEN BSF Asst Prof For and Mgr Heiberg 755-2144) Acta Aamin Dean for Univ Ext 13E W JONES Phf For (919-755-2144) 1A R ESCHNER PhD Assoc Prof Watershed Mgt TW T GLAUSTONE, PhD Aget Frof 1L P HERAINGTON PhD As of Prot Met 123H B JAMES PhD Dean of Sch et Agrand Lite Sci (919-755-2613) 1J W JOHNSON BS Prof 2J C WILLIAMSON Jr MS Dir of Res (919-755-2717) 1E W GLAZENER PnD Dir of Academic Affairs (919-1R V LEA PhD Assoc Prof and Dir Summer Camp 1A L LEAF PhD Prof Soil Fert 755-26141 6L S MINCKLER PhD Adjunct Prof 3GEORGE HYATT Jr PhD Dir of Ext (919-755-2811) 12.J L APPLE PhD Asst Dir of Res and Dir Inst Biol Sci 1S W POTTER Jr BS Asst Prof For and Mgr Pack (919-755-2665) Demon For IN A RICHARDS PhD Res Assoc 3C D BLACK EdD Asst Dir Ext 4-H Club (919-755-28011 **3T (. BLALOCK** PnD Asst Dir Ext (919-755-2811) State University Polymer Research Center 1M M SZWARC PhD (Organic Chem) PhD (Phys Chem) 123E J BOONE PhD Asst Dir Ext and Head of Dept Adult and Community College Educ (919-755-2707) DSc FRS Distinguished Prof Polymer and Phys 3Mrs MINNIE M BROWN MS Ext State Agt Home Econ Chem and Dir of Center (919-755-2781) 1R F ADAMS PhD Res Ausoc 1P W CALUWE PnD Hes Assoc 6MARTIN KRONMAN PnD Adjunct Prot Polymer Chem. **3G L CAPEL** PhD Asst Dir Ext Mktg (919-755-2602) 3ELOISE COFER PhD Asst Dir Ext Home Econ 6WILLEM PRING PnD Adjunct Prof Polymer Chem (919-755-2781) 1H B CRAIG PhD Asst Dir Academic Affairs and Dir Agr Inst (919-755-2667) 1K J SMITH Jr PhD Assoc Prof 3Mrs ADAB DALLA POZZA MS Ext State Agt Home State University Water Resources Center Econ (919-755-2781) 1RI HEBNIGAN MS Prof Water Resources and Dir of 3.J E FOIL MS Asst Dir Ext (919-755-2813) 3R E JONES MS Asst Dir Ext (919-274-4696) Center 1R H HAWKINS PhD Senior Res Associand Asst Dir of 2k R kELLER PhD Asst Dir in Chg Tobacco Res (919-Center 755-2718) Wood Products Engineering
1E A ANDERSON PhD Prof For Prods and Chmn of 2R J McCRACKEN PhD Asst Dir of Res (919-755-2719) 7366 123 JOHN D WRIGHT Bus Mgr (919-755-2155) IW A CÔTÉ Jr PhD Prot Cel. Ultrantructure
16 V DAMI SON PhD Prot Wood Physiand Mech
1C H deZEEUW PhD Prof Wood Anat
1G H KYANKA MSME Asst Prof Mech Agricultural Information 123W L CARPENTER EdD Assoc Prof and Head of Dept (919-755-2800) 3R J ALBERG In Chg Ext Staff Artists 23T M BYRD MA Assoc Ed News LI E LANGWIG MG | Instr 1R A MOORE MS Asst Prof Indus Application and 3JANICE R CHRISTENSEN BS Home Econ Ed News Devlpmt Res Unit Ldr 23A M DEEKENS MS Assoc Ed Pub 1R E PENTONEY PhD Prof Mech Behavior and Assoc 3S R EDWARDS BA Asst Ed Radio-TV 2R P LOWE MRS Asst Ed Pub Dean for Phys Sci and Res 1ELBERT REID MA Asst Prof Commun Teaching/Pub 3H L REYNOLDS BS Assoc Ed Radio-TV 13 F SIAU PhF Assoc Prof Chem Wood Tech 14CHHISTEN JKAAR PhD Fro: Wood Phys 1G H SMITH MBA Prof Light Construction 1L ABMITH MSChE Res Assoc Adhesives and Coatings 3Mrs RUTH G SHEEHAN MA Asst Ed TV 23J C TART ME Asst Ed Pub 4-H 23J W UPCHURCH Jr ME Asst Ed News 13 A WHITT PhD Prof 7380 7367 **Animal Science** USDA Cooperative Recreation Research Group 12I D PORTERFIELD PhD Prof and Head of Dept (919-755-2755) 5E L SHAFER PhD Adjunct Assoc Prot For Mgt and Dir 3A V ALLEN MS Ext Prof in Chg Anim Husb Ext of Res Group 12W L ALSMEYER PhD Asst Prof Anim Husb 5H F ECHELBERGER MS Adjunct Asst Prof For Mgt 5G H MOFILLER MS Adjunct Asst Prof For Mgt 12E R BARRICK PhD Prof Livestock Nutr and Mgt 12E G BATTE DVM Prof Vet Parasitol 3R F BEHLOW DVM Ext Prof Ext Vet
3J S BUCHANAN BS Ext Prof Beef Cattle and Sheep USDA Cooperative Watershed Research 7368 5R E LEONARI. PhD Adjunct Asst Prof Watershed Mgt **3**K R BUTCHER MS | Ext Instr Dairy Prod Records 2E V CARUOLO PhD Assoc Prof Cellular Physiol 12A J CLAWSON PhD Prof Swine Nutr NORTH CAROLINA 12D G DAVENPORT PhD Assoc Prof Dairy Cattle Nutr and Econ The Schools of Agriculture and Life Sciences and 12E U DILLARD PhD Assoc Prof Amm Genet 2E J EISEN PhD Assoc Prof Anim Genet 12LEMUEL GOODE PhD Prof Reprod Physiol 3C B HANRICK BS Ext Dairy Husb Spec
12R W HARVEY PhD Asst Prof Anim Husb
2W L JOHNSON PhD Asst Prof (Peru) Anim Husb

Forestry, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the North Carolina State University at Raleigh 27607 (Main tel 919-755-2011)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc

9A-TH, MS Program

7370

1W C FRIDAY BS LLB Pres of Univ (919-933-1026) (PO Chapel Hill 27514) 1.J T CALDWELL PhD Chanc (919-755-2191)

126

12J M LEATHERWOOD PhD Prof Anim Nutr

12E E JONES PhD Asst Prof Biochem
3J R JONES PhD Ext Assoc Prof Swine
3F N KNOTT PhD Ext Assoc Prof Dairy Cattle Feeding and Mat

25J G LECCH PhD Prof Cellular Bact

12JE LEGATES PhD William Neal Reynolds Prof Anim Genet

Animal Science-Continued

- 3R L McGUIRE PhD Ext Assoc Prof 4-H Work Anim Husb
- 12J J McNEILL PhD Assoc Prof Anim Nutr 12R D MOCHRIE PhD Assoc Prof Dairy Nutr and Physiol

- 12D. MCN.COL. IVM Assoc Prot Vet Parasitol
 12R M MYERS MS Assoc Prof Reprod Physiol
 3J W PARKER MS Ext Anim Hubb Spec (PO Edenton Box 3521
- 3G 3 PARSONS MS Ext Prof Dairy Cattle Feeding and
- 3J & PATIORSON PnD Ext Prof Beef Cattle and Testing
- 2A H RAKES PhD Assoc Prof Dairy Nutr 12H A HAMSEY PhD Prof Anim Nutr
- 3C M REESE MS Ext Instr Beef Cattle and Testing
- 120 W ROBISON PhD Assoc Prof Anim Genet
- 3F L : ANGENT PhD Ext Assoc Prof Dairy Prod Records and Brd:
- 34M F SENGER MS Ext Prof in Cha Dairy Hisb Ext
- 2F H SMITH MS Prof Anim Nutr
- 3D G SPRUILL Pr.D Ext Assoc Prof Swine
- 3C M STANISLAW PhD Ext Asst Prof Anim. Genet (PO William Box 3027)
- 2H A STEWART PhD Prof Emeritus Anim Brdg
- 1251. Clu'L RERG EhD. Prot Reprod Physiol
 - 30 P AFSEN PM Lixt Asst Frof Anim Hust
 - 2J MILE BED Assoc Prof Larry Cattle Bridgand Mgt
- 12G H WISE PhD William Neal Reynolds Prof Physiol of Nutr
- 3J R WOODARD MS Ext Assoc Prof Swine Testing
- 3R L WYNN MS Ext Dairy Husb Spec

Biochemistry (Sch of Phys and Math Sci)

- 7385
- 12GENNARD MATRONE PhD William Neal Reynolas Prof and Head of Dept (919-755-2581)
- 12F B ARMSTROMS PLD Univ Prof Biochem and Microbiol and Genet
- 2Mr.: IRENE C CHANG Pt.D. Rea Appool Photosynthesis
- 12H 3 HORTON PhD Assoc Prof Biochem Mechanisms
- 12J S KAHN PhD Assoc Prof Photosynthesis
- 7Mi. ABOUR KERLIR Find Wisiting Asid Prif Intermearary Metabolism Biosynthesis and Lipias
- 12J ARNOFP Pn? Asstr Prot Physical Richter.
- 12I S LONGMUIR MB BChir Prof Brochem Mechanism
- 12A R MAIN PhD Prof Biochem and Enzyme Kinetics
- 12E C SISLER PhD Assoc Prof Intermediary Metabolism Biosynthesis
- 1Mrs ELIZABETH C THEIL PhD Instr Devlpmt Biochem
- 12S L. TOVE PhD Prof Intermediary Metabolism Biosynthesis and Lipids

7390 Botany

- 12G R NOGGLE PhD Prof and Head of Dept (919-755-
- 12C F AND ERSON PhD Assoc Prof Flant Anat
- 12UDO BLUM PhD Asst Prof Plant Physiol Ecol
- 12A W COOPER PhD Prof Plant Ecol
 5D W DEJONG PhD Agunct Assoc Prof Plant Physiol
 - (PO Oxford)
- 12R C FITES PhD Asst Prof Plant Physiol
- 12J W HARDIN PhD Prof Plant Taxon
- 6W W HECK PhD Adjunct Prof Plant Physiol (Coop HEW-NAPCA)
- 12S E KOCH PhD Asst Prot Plant Taxon
- 2J A McABIHUR PhD Hes Assoc Plant Physiol
- 12R T MCORE PhD Asst Pro: Mysol
- 5H F PAITTEE PhD Assoc Ptof Plant Physiol
 12H E SCHLIGHTING In FhD Assoc Prof Phycol
 12H T SCOFIELD PhD Prof Plant Physiol (Peru)
- 5HEINZ SELTMANN PhD Assoc Prof Plant Physiol
- 12E [SENECA PhD Asst Prof Ecol
- 1Mrs LINDA M STROUD MS Instr Biol
- 12J R TBC YER PhD Prot Plant Physic. 12L A WHITE ORD Phil Prof Emeritus Phycol
- 5R E WILLIAMSON PhD Assoc Prof Plant Physiol 12C C VAN YKE Phi Ass Prof Mycol
- 12J A YARBROUGH PhD Ad; Prof Plant Anat

Crop Science

23P H HARVEY PhD William Neal Reynolds Prof and Head of Dept (919-755-2647)

7400

- 3C T BLAKE PhD Ext Prof Turf Mgt
- 5C A BRIM PhD Prof Brdg Soybeans
 5J C BURNS PhD Asst Prof Pasture and Forage Crops
- 5T H BUSBICE PhD Assoc Prof Brag Alfalfa
- 12D S CHAMBLEE PhD Prof Forage Ecol
- 5J F CHAPLIN PhE Prof Brdg Topacco (PO Oxfora)
- 3J G CLAPP Jr PhD Ext Asst Prof Soybeans and Small Grain
- 3H D CCBLE PhD Ext Asst Prof Weed Control
- 13W K COLLINS PhD Prof Tobacco
- 5W A COPE PhD Assoc Prof Brdg Misc Legumes
- 12F T CORBIN PhD Asst Prof Weed Control
- 3D W DANIEL BS Ext Agron Spec Variance Eval

 13S H DOBSON MS Ext Prof Pasture and Forage Crops
- 12D A EMERY PhD Prof Brdg Peanuts
- 12W T FIKE PhD Assoc Prof Crop Mgt
- 5K E FRY PhD Asst Prof Plant Physiol Cotton
 12D U GERSTEL PhD William Neal Reynolds Prof
 - Genet Tobacco
- 12W B GILBERT PhD Assoc Prof Turf
- Instr Crop Brdg
- 2D T GOODEN III MS 12W C GREGORY PhD William Neal Reynolds Prof Genet Peanuts
- 2H D GRCSS PnD Prof Pasture and Forage Crops 5G R GWYNN PhD Assoc Prof Brdg Tobacco (PO Oxford)
- 25J L HALL PhD Asst Prof Chem Tobacco
 - 3S N HAWKS Jr BS Ext Prof Tobacco

 - 3S J HODGES BS Ext Agron Spec 3G L JONES PhD Prof in Chg of Agron Ext
 - 3E L KIMBROUGH PhD Ext Asst Prof Pasture and Forage Crops
 - 3B U KITHELL MS Ext Agron Spec
- 5J A LEE PhD Prof Plant Genet Cotton
- 23W M.L.F.W.IS PhD Prof Weed Control
 2R C LONG PhD Asst Prof Plant Physiol Tobacco
- 23F W McL AUGHLIN MS Ext Prof and Dir of NC Crop Impr Assoc
- 12P A MILLER PhD Prof Crop Brdg Cotton 2R P MOORE PhD Prof Seeds
- 5D E MORELAND PhD Prof Plant Physiol Weeds
- 2C F MURPHY PhD Assoc Prof Crop Brdg Small Grain
- 2T H NUNALEE III MAGED Instr NC Crop Impr Assoc
- 12R F PATTERSON PhD Asst Prof Crop Physiol
- 13ASTOR PERRY MS Ext Prof Peanuts
 2L L PHILLIPS PhD Prof Plant Genet Cotton
- 12J C RICE PhD Prof Crop Variance Eval 23H F ROSS MS Ext Assoc Prof Burley Tobacco (PO Waynesville)
- 2] W SCHFADER PhD Asst Prof Weed Control
- 3A D STUART MS Ext Prof Com 5C F TESTER PhD Asst Prof Biochem Soybeans 5D L THOMPSON PhD Prof Crop Brdg Corn
- 12D H TIMOTHY PhD Prof Plant Genet Forage Grasses 3WG TOOME'Y MAGE Ext Assoc Prof Cotton
- 12J B WEBER PhD Assoc Prof Weed Control 12E A WERNSMAN PhD Assoc Prof Plant Genet
- Tobacco
- 12J A WEYBREW PhD William Neal Reynolds Prof Biochem Mechanisms Tobacco
- 12A DWCRSHAM PhD Prof Weed Control
- 2J CWYNNE MS Instr Crop Brdg Peanuts

Economics

7410

- 123W D TOUSSAINT PhD Prof and Head of Dept (919-755-2619)
 - 3J G ALLGOOD MA Ext Assoc Prof Farm Mgt
 - 12A M BEALS Jr AB Instr Econ
 - 3R S BOAL MS Ext Assoc Prof Mktg Agencies
 - 3R C BROOKS PhD Ext Assoc Prof Poultry Mktg 12J B BULLOCK PhD Asst Prof Econ

 - 3G L CAPEL PhD Ext Prof in Chg Mktg 12G A CARLSON PhD Asst Prof Econ
- 12J S CHAPPELL PhD Assoc Prof Econ 123W M CROSSWHITE PhD Assoc Prof Puplic Affairs

 - 3H T DANIEL BS Inform Spec

7410-7430	ani apinn
Economics-Continued	Engineering (Biol and Agr)—Continued
12B L GARDNER PhD Asst Prof Econ	12E G HUMPHRIES PhD Assoc Prof Cucumber Mech
5H C GILLIAM Jr PhD Asst Prof	12W H JOHNSON PhD Prof Tobacco Curing
4L H HAMMOND Pt.D Ext Assoc Prof Mktg	23G J KRIZ PhD Assoc Prof and Assoc Dept Head in Chg
3D G HARWOOD Jr MS Ext Assoc Prof Farm Mgt	of Ext
12W R HENRY PhD Prof Econ	12WF McCLURE PhD Assoc Prof Instrumentation and
	Crop Proc
3H A HOMME MS Ext Assoc Prof Dairy Mktg	•
12D M HOOVER PhD Prof Econ	12R P ROHFBACH FhD Asst Prof Syst Engin and Blue-
12L A IHNEN PhD Prof Econ	berry Mech
3JEIKERDPhD Ext Asst Prof Livestock	12R W SKAGGS PhD Asst Prof Soil and Water Engin
3E A JACKSON MF. Ext Mktg Spec	3R E SNEED BS Ext Instr Irrig and Drain
12P R JOHNSON PhD Prof E∞n	12R S SOWELL PhD Asst Prof Syst Engin
4E W JONES PhD Assoc Prof Econ	12C W SUGGS PhD Prof Tobacco Mech and Human Engin
12R A KING PhD Prof Econ	3W C WARRICK BS Ext Assoc Prof Rural Housing
13H L LINER PhD Ext Assoc Prof Farm Mgt	23R W WATKINS MS Ext Asst Prof Crop Proc
12CH LITTLE PhD Assoc Prof Econometrics	12J W WEAVER Jr BS Prof Proc Engin
13J G MADDOX PhD Prof Econ	5TBWHITAKER PhD Asst Prof Peanut Procand Mktg
123F A MANGUM Jr PhD Assoc Prof Public Affairs	5C R WILLEY PhD Assoc Prof Soil Phys
123G A MATHIA PhD Assoc Prof Econ (Peru)	5R E WILLIAMSON PhD Assoc Prof Plant Physiol
2J C MATTHEWS Jr PhD Asst Prof Econ	12E H WISER PhD Assoc Prof Watershed Hydrol
123D F NEUMAN PhD Asst Prof Farm Mgt	12J H YOUNG PhD Assoc Prof Peanut Proc and Mktg
3T E NICHOLS Jr PhD Ext Prof Grain Mktg	•
3R H NICHOLSON MS Ext Mktg Spec	Entomology 7440
3D C PARDUE MS Ext Form Bus Records	123K L KNIGHT PhD Prof and Head of Dept (919-755-
12E C PASOUR Jr PhD Assoc Prof Econ	2746)
1R J PEELER Jr PhD Assoc Prof Econ	12R C AXTELL PhD Prof Med and Vet Ent
	2J R BRADLEY PhD Asst Prof Cotton Ins
12R K PERRIN PhD Asst Prof Econ	12C H BRETT PhD Prof Veg Ins
12F J PROCHASKA MS Instr Econ	2W M BROOKS PhD Asst Prof Ins Path
3E A PROCTOR MS Ext Prof Fruit and Veg Mktg	12W V CAMPBELL PhD Prof Forage Crop Ins
3C R PUGH PhD Ext Prof in Chg Farm Mgt and	
Public Affairs	7A L CHASSON MD Adjunct Assoc Prof Path
12R A SCHRIMPER PhD Assoc Prof Econ	5E W CLARK PhD Adjunct Assoc Prof Ins Physiol
12JA SEAGRAVES PhD Prof Econ	12W C DAUTERMAN PhD Assoc Prof Pesticide
12RL SIMMONS PhD Prof Econ	Metabolism
3E M STALLINGS MS Ext Asst Prof Cotton Mktg	23J M FALTER PhD Ext Assoc Prof Ins Pests of Man
3P S STONE PhD Ext Asst Prof Public Affairs	and Anims
5J G SUTHERLAND PhD Prof Agr Econ	12M H FARRIER PhD Assoc Prof Forest Instand
12R L TINNERMEIEH PhD Visiting Asst Prof Econ	Acarol
(Peru)	2R F FOELIX PhD Res Assoc Sensory Structures
3Mrs RUBY P UZZLE BA Ext Asst Prof Consum Mktg	12F E GUTHRIE PhD Prof Insecticide Resistance
12T D WALLACE PhD Prof Econometrics	12ERNEST HODGSON PhD Prof Ins Phospholipids
3C R WEATHERS MS Ext Prof Form Mgt	2M D JACKSON MS Res Assoc Anal and Methods
3R CWELLS PhD Ext Assoc Prof Farm Mgt	2A P KULKARNI PhD Res Asst Ins Biochem
311 O WELLS I IID EXT Assoc I for tamiling	12W J MISTRIC Jr PhD Prof Tobacco Ins
Education (Agr) 7420	123H BMOORE Jr PhD Assoc Prof Wood Pests
	12H H NEUNZIG PhD Prof Bool of Tobacco Ins and
1C J DOLCE F'hD Dean Schof Educ and Prof Educ	Bluberry Pests
1C C SCARBOROUGH EdD Prof Agr Educ and Head	12R L RABB PhD Prof Ins Biol Eccl Tax
c: Dept (919-755-2234)	2W L RIECK MS Res Asst Pesticide Residue Angl
1H G BEARD EdD Assoc Prof Agr Educ and Sociol	
1W J BROWN Jr EdD Adjunct Prof and Dir Res	23R L ROBERTSON MS Ext Prof Crop and Ornam Pests
1C D BRYANT EdD Asst Prof Agr Educ	2G C ROCK PhD Assoc Prof Fruit Ins
1.J K COSTER PhD Prof Agr Educ and Dir Center for	5 LOUISE M RUSSELL MS Adjunct Prof Ins
Cocup Educ	Identification
1R J MERCER EdD - Asst Prof Agr Educ	5R I SAILER PhD Adjunct Prof Ins Identification
1T R MILLER PhD Assoc Prof Agr Educ	3H E SCOTT PhD Ext Assoc Prof Pesticides Veg 4-H
1C H ROGERS EdD Assoc Prof Agr Educ	2TJSHEETS PhD Prof Pesticide Residues
	2C F SMITH PhD Prof Aphid Taxon
Engineering (Biol and Agr) 7430	2EWALD SMITH MS Res Asst Ins Brochem
123F J HASSLER PhD William Neal Reynolds Prof and	3G TWEEKMAN PhD Ext Assoc Prof in Chg Ent Ext
Head of Dept (919-755-2694)	Fruit Ins
23E O BEASLEY MS Ext Asst Prof Field Crops Mech	5D L WRAY Jr PhD Adjunct Prof Tax Ent
12G B BLUM Jr MAE Assoc Prof Environ Engin Anim	123C GWRIGHT PhD Assoc Prof Household Pests
12H D BOWEN PhD Prof Cotton Mech and Electrostatic	12R T YAMAMOTO PhD Assoc Prof Ins Nutr and Be-
	havior
Dusting 5J W DICKENS MS Assoc Prof Peanut Proc and	12D A YOUNG PhD Prof Homoptera Taxon
Mktg	Extension Service 7450
23L B DRIGGERS MS Ext Assoc Prof Farmstead Engin	SUPERVISORS
3J C FERGUSON BS Assoc Prof Emer Field Crops Mech	3W G ANDREWS PhD Dist Ext Chmin
12J M. FORE MS. Prof Power and Mach	4Mrs HELEN BRANFORD MS Dist Home Econ Agt
3J W GLOVER BS Ext Asst Prof Field Crops Mech	3Mrs LOIS BROWN MS Dist Home Econ Agt
5A H GRAVES BS Res Asst Indus Engin Mater Handling	
Tobacco	3P E DEW MS Dist Ext Chmn
2J R HALIMERLE PhD Asst Prof Biomater Properties	3G C DOBBINS BS Dist Ext Chinn

4Mrs HELEN BRANFORD MS Dist Home Econ Agt
3Mrs LOIS BROWN MS Dist Home Econ Agt
3P E DEW MS Dist Ext Chmn
3G C DOBBINS BS Dist Ext Chmn
3L R JOHNSON BS Dist Agr Agt
3J C JONES MS Dist Ext Chmn
3Mrs LILLIE B LITTLE MS Dist Home Econ Agt
3Mrs ELIZABETH MELDAU MS Dist Home Econ Agt
3KATHLEEN NELSON MS Dist Home Econ Agt
3Mrs JOSEPHINE PATTERSON MS Dist Home Econ Agt
3J E PILAND BS Dist Ext Chmn

and Mach

and Sweetpotato Mech

12R G HOLMES PhD Asst Prof Biochem Engin

1E L HOWELL MEd Assoc Prof Farm Mech and Power

2D H HOWELLS MS Prof Dir Water Resources Res Inst
12B K HUANG PhD Assoc Prof Mach Design
12F J HUMENIK PhD Asst Prof Waste Mgt

Extension Service-Continued

3D D ROBINSON MS Dist Ext Chmn 3Mrs CAROLYN C RUSSELL MEd Dist Home Econ Agt 3H G SILVER BS Dist Supvr (TVA Prog) 3J A SPAULDING MS Dist Agr Agt 3Mrs MYRLE L SWICEGOOD MS Dist Home Econ Agt

4-H CLUB

3C D BLACK EdD Asst Dir Ext 4-H Club 3W C COOPER MS 4-H Spec 3L B DIXON BS Assoc State 4-H Ldr 3Mrs CLEO J EDWARDS MS 4-H Spec 3W M GARMON MS 4-H Spec 3D F HOLLEP BS 4-H Spec 3PAULINE E MOORE MS 4-H Spec 3MARY SUE MOSER BS 4-H Spec 3D W SMITH MS 4-H Spec 3WP SMITH MS 4-H Spec 3F H WAGONER BS 4-H Spec

HOME ECONOMICS

3ELOISE COFER PhD Asst Dir Ext Home Econ 3DOROTHY L BARRIER MEd Spec in Chg Ext Cloth 3ISABELLE BUCKLEY MS Ext Aging Spec 3Mrs MARJORIE DONNELLY MS In Chg Ext Foods and Nutr

3DIANE FISTORI MS Ext Food and Nutr Spec 3Mrs GENEVIEVE GREENLEE MS Ext Housing and House Furn Spec

3L F HAWKINS BA BD Spec in Chg Ext Fam Relat 3THELMA HINSON MS Spec in Chg Ext Home Mgt 3FRANCES JORDAN MS Spec Ext Fam Relat 3LEEANN KURTZ MS Ext Foods Spec 4-H Prog 3Mrs EDITH B McGLAMERY BS Ext Housing and House Furn Spec

3NITA ORR BS Ext Frozen Foods Spec 3IOLA PRITCHARD MS Ext Food Conserv and Mktg Spec 3Mrs BESSIE B RAMSEUR MA Ext Nutr and Food

Conserv Spec 3Mrs JUSTINE ROZIER MS Ext Home Mgt Spec 3MARJORIE SHEARIN MS Ext Creative Crafts Spec 3HARRIET TUTTEROW MS Ext Cloth Spec

3W C WARRICK BS Ext Assoc Prof and Spec in Chg Ext Housing and House Furn

3CHARLOTTE WOMBLE MS Ext Spec Housing and House Furn

ADULT AND COMMUNITY COLLEGE EDUCATION 123E J BOONE PhD Prof and Head of Dept (919-755-2707)

IJ BADAIR PnD Prof 1D A ADAMS EdD Assoc Prof

123W L CARPENTER EdD Assoc Prof and Head of Agr Inform

13MARY L COLLINGS EdD Prof

3J D DOI)SON BS Ext Farm Bus Records
13R J DOLAN PhD Prof

3C M FERGUSON BS Prof Emer 13J D GEORGE PhD Prof

1B R HERRSCHER EdD Ad) Asst Prof

1C J LAW Jr EdD Adj Asst Prof

IG E PARSONS PhD Asst Prof

13Mrs EMILY H QUINN PhD Prof

1J E ROUECHE Jr PhD Adj Assoc Prof

13GD RUSSELL PhD Asst Prof

3J F SCHULZE MS Ext Mgt Inform Spec

1H WSHEARON EdD Asst Prof

3F S SLOAN BS Prof Emer

7460 Food Science

123W M ROBERTS PhD Prof and Head of Dept (919-755-2951)

12L W AURAND PhD Prof Food Chem

2H R BALL Jr PhD Asst Prof Poultry Prods

5T A BELL MS Prof Food Fermentation

12T N BLUMER PhD Prof Meat Prods
3R E CARAWAN MS Ext Spec Food Engin

2D E CARROLL Jr PhD Asst Prof Fruits and Veg Prods

3J A CHRISTIAN MS Ext Prof and Ext Adm Coord in Food Sci Meat Prods

2R A COWMAN PhD Asst Prof Food Microbiol

Food Sience-Continued

2R S DAHIYA PhD Asst Prof Food Microbiol 25J L ETCHELLS PhD Prof Food Fermentation

5H P FLEMING PhD Assoc Prof Food Fermentation

12S E GILLILAND PhD Asst Prof Food Microbiol 23M E GREGORY PhD Ext Prof Dairy Prods

2D DHAMANN PhD Assoc Prof Food Engin 2A P HANSEN PhD Asst Prof Dairy Prods

3Mrs MARY K HEAD PhD Ext Asst Prof Foods and Nutr

2M WHOOVER PhD Prof Fruits and Veg Prods

2B R JOHNSON PhD Asst Prof Peanut Prods

12I D JONES PhD Prof Food Chem
2V A JONES PhD Assoc Prof Food Engin

3N C MILLER Jr MS Ext Assoc Prof Fruit and Veg Prods

5A EPURCELL PhD Prof Fruit and Veg Prods

12M L SPECK PhD William Neal Reynolds Prof Food Microbiol

12H E SWAISGOOD PhD Assoc Prof Food Chem

23F R TARVER Jr PhD Ext Assoc Prof Poultry Prods

3F BTHOMAS PhD Ext Prof Seafood Prods

5W M WALTER Jr PhD Asst Prof Fruits and Veg Prods

12F G WARREN PhD Prof Dairy Prods

2N B WEBB PhD Assoc Seafood and Meat Prods

Forest Resources

7470

129R J PRESTON Jr PhD Prof and Dean of Sch of For Res (919-755-2883)

12A C BAREFOOT DF Prof for Prods

1J H BRENDLE Jr MS Adj Prof Recreation

12R C BRYANT PhD Prof For 1R M CARTER MS Prof For Prod

12HOU-MIN CHANG PhD Asst Prof Wood Chem

1E W CLARK PhD Adj Assoc Prof For

12C B DAVEY PhD Prof and Head of Dept of For (919-755-2885)

3E L DEAL MS Ext Instr Wood Prod

3R S DOUGLASS MF Ext Asst Prof For Mgt

12J W DUFFIELD PhD Prof Silvic

12E L ELLWOOD PhD Prof and Head of Dept of Wood and Paper Sci (919-755-2884) For Prods

12T V GEMMER MS Instr For

12R C GILMORE MWT Asst Prof For Prod 12W L HAFLEY PhD Assoc Prof For

2L W HAINES MS Dir For Fert Coop

1G A HAMMON BS Assoc Prof Recreation 3S J HANOVER MS Ext Instr Wood Prods

12C A HART PhD Prof For Prod

3J S HEDGECOCK MS Ext Instr Wood Prods

5G H HEPTING PhD Adj Prof For

1T I HINES MA Prof and Head of Dept of Recreation Resources Admin

12R G HITCHINGS MF Prof For Prods

3L H HOBBS BS Ext Assoc Prof Mktg For Prods

3W T HUXSTER Jr MWT Ext Assoc Prof and Ldr For Mat Sect

2L G JERVIS BS Res Assoc For

2J B JETT MS Res Asst For Brdg

3E M JONES MS Ext Asst Prof Hardwoods

3W M KELLER MF Ext Prof in Chg For Ext

2R C KILLISON MS Instr and Assoc Dir For Brdg Coop 5J W KOENIGS PhD Adj Asst Prof For

12K P KRINGSTAD PhD Assoc Prof Wood Chem

5E G KUHLMAN PhD Adj Assoc Prof For

12JO LAMMI PhD Prof For

12C G LANDES ChE Assoc Prof For Prods 12T E MAKI PhD Prof Silvic
7L J METZ PhD Adj Prof For
1L L MILLER MA Assoc Prof Recreation

12L W MONCRIEF PhD Asst Prof Recreation

1J H MOSES MS Adj Asst Prof Recreation

12A G MULLIN MS Instr For Prod

12R G PEARSON ME Assoc Prof Wood Prods
12T O PERRY PhD Prof For Physiology
1T H RIPLEY PhD Adj Prof Recreation
2J H ROBERDS MS Instr For Brdg

12C N ROGERS BS Assoc Prof For Prods
12L C SAYLOR PhD Asst Dean and Prof For Brdg

5H T SCHREUDFR PhD Adı Asst Prof

Ī	TO THE STATE OF TH
F	orest Resources-Continued
	IW E SMITH PhD Prof Recration
	7W R SMITH BS Adj Prof For Prods
	12A J STAMM PhD Prof Emer Wood Chem
	3W M STANTON MF Ext Asst Prof For Mgt-Recreation
	12D H J STEENSEN PhD Asst Prof For
	1R E STERNLOFF PhD Prof Recreation
	1JS STEVENS MA Adj Assoc Prof Recreation
	1E H STONE BSLA Adj Asst Prof Recreation
	1C C STOTT MS Assoc Prof Recreation
	7S K SUDDARTH PhD Ad) Prof For Proda
	5B F SWINDEL PhD Asst Prof For
	12R J THOMAS DF Assoc Prof For Prod
	5 L W TOMBAUGH PnD Asst Prof Recreation
	1M R WARREN Jr MS Asst Prof Recreation
	1C G WELLS PhD Ad; Assoc Prof For
	3F E WHITFIELD MS Ext Assoc Prot For Mat-Ins and Dis
	12B J ZOBEL PhD Prof and Dir For Brdg Coop
G	enetics 7480
	12T J MANN PhD Prof and Head of Dept (919-755-2291)
	1C H BOSTIAN PhD Prof Human Genet
	5L G BURK MS Assoc Prof Cytogenet Nicotiana
	2Mrs M PFLUGE GREGORY PhD Assoc Genet Plant
	Evolution Peanuts
	12D S GROSCH PhD Prof Reprod Physiol
	12W D HANSON PhD Prof Quant Genet Corn

2C S LEVINGS III PhD Assoc Prof Cytogenet Corn 2D F MATZINGER PhD Prof Quant Genet Tobacco 1W H McKENZIE MS Instr 12L E METTLER PhD Prof Pop Genet Drosophila 2R H MOLL PhD Prof Quant Genet Corn 12TERUMI MUKAI PhD Prof Quant Genet Drosophila 5GENE NAMKOONG PhD Assoc Prof Quant Genet For 12h E SCHAFFER PhD Assoc Prof Quant Genet Droso-

phila

12W E KLOOS PhD Assoc Prof Microbial Genet

12F M JOHNSON PhD Asst Prof Biochem Genet Drosophila

12S G STEPHENS PhD William Neal Reynolds Prof Plant Evolution Cotton

7490

5C W STUBER PhD Assoc Prof Quant Genet Corn 2A C TRIANTAPHYLLOU PhD Prof Cytogenet Nematodes

12B W SMITH PhD Prof Cytogenet Rumex

Home Econmics (The Univ of NC at Greensboro) 12NAOMI ALBANESE PhD Prof and Dean of Sch (919-379-5980) 12JANE H CROW PhD Prof Housing 12Mrs KAY P EDWARDS PhD Asst Prof Housing 2Mrs NANCY H HOLMES MS Res Instr Housing 12PAULINE E KEENEY PhD Prof Text 2Mrs VIRA R KIVETTMS Res Instr Child Devlpmt 12R H KLEMER PhD Prof and Chmn Child Devlpmt 12A C MAGEE PhD Prof Nutr 2Mrs SARAH M SHOFFNER Res Instr Child Devlpmt

7500 Horticultural Science

123C WDONOHO Jr PhD Prof and Head of Dept (919-755-2684) 12W E BALLINGER PhD Prof Fruit Physiol 3A ABANADYGA PhD Ext Prof in Chg Veg Crops 3J F BROOKS MS Ext Assoc Prof Small Fruits 12T F CANNON PhD Assoc Prof Ornam Crops 12F D COCHRAN PhD Prof Veg Genet 12F E CORRELL MS Assoc Prof Fruit Crops 3H M COVINGTON MS Ext Prof Veg Crops 3T W FLOWERS MS Ext Hort Spec 12G J GALLETTA PhD Assoc Prof Fruit Brdg 12M E GARDNER BS Prof Emeritus Gen 13R G HALFACRE PhD Asst Prof Ornam 2L K HAMMETT PhD Asst Prof Postharvest Physiol 3J H HARPIS BJ - Ext Prof Emeritus 12F L HAYNES Jr PhD Prof Potato Brdg and Genet 12W R HENDERSON PhD Assoc Prof Veg Brdg **3**G R HUGHES MS Ext Asst Prof Veg Crops

2J M JENKINS Jr PhD Prof Plant Brdg (PO Castle Hayne)

3M H KOLBE MS Ext Prof Fruit Crops

Horticultural Science-Continued

23T RKONSLERPhD Assoc Prof Veg Crops (PO Fletcher Rte 21

5L J KUSHMAN MS Prof Physiol

12RA LARSON PhD Prof Flor

23J W LOVE PhD Ext Prof Flor 2R L LOWER PhD Assoc Prof Veg Genet

23C M MAINLAND PhD Ext Asst Prof Fruit Crops (PO Castle Hayne)

12C L McCOMBS PhD Prof Veg Physiol

12C H MILLER PhD Prof Veg Nutr 2T J MONACO PhD Asst Prof Weed Sci

12P V NELSON PhD AssocProf Flor 2W B NESBITT PhD Asst Prof Fruit Brdg

2D T POPE PhD Prof Sweetpotato Brdg

3W W REID BS Ext Asst Prof Veg (PO Plymouth Rte 2)

23D C SANDERS PhD Ext Asst Prof Veg Crops

2R L SAWYER PhD Prof Potato Brdg (Peru)
23W A SKROCHPhD Ext Assoc Prof Weed Control

3H J SMITH MS Ext Asst Prof Landsc 12R M SOUTHALL MS Instr Taxon

2V H UNDERWOOD BS Res Instr Fruit Crops

2C R UNRATH PnD Asst Prof Fruit Physiol
2D C ZEIGER PhD Asst Prof Fruit Nutr (PO Fletcher Rte 2)

Microbiology 7505

12J B EVANS PhD Prof and Head of Dept (919-755-2391)

12W J DOBROGOSZ PhD Assoc Prof Microbiol Metab

12G in ELKAN PhD Prof Bact Physiol
12J J PERRY PhD Assoc Prof Microbiol Physiol

7J J TULIS PhD Adjunct Assoc Prof Indus Microbiol

Plant Pathology

123D E ELLIS PhD Prof and Head of Dept (919-755-2730) 3C W AVERRE III PhD Ext Asst Prof Veg Dis

2ROBERT AYCOCK PhD Prof Floral Crop Dis

12K R BARKER PhD Assoc Prof Nematode Dis

12M K BEUTE PhD Prof Peanut Dis

12C N CLAYTON PhD Prof Fruit Dis

2W E COOPER PhD Prof Emer Peanut Dis 12E E COWLING PhD Prof For Path

3H E DUNCAN PhD Ext Assoc Prof in Chg Plant Path Ext

2EDDIE ECHANDI PhD Prof Bean Dis

2E R FRENCH PhD Visiting Asst Prof Potato Dis (Peru)

3H R GARRIS MS Ext Prof Emer Path

12G V GOODING Jr PhD Assoc Prof Tobacco Virol

12L F GRAND PhD Asst Prof For Path
6A S HEAGLE PhD Adj Asst Prof Plant Path (Coop HEW)

12T T HEBERT PhD Prof Plant Virol
5G H HEPTING PhD Adj Prof For Path

5C S HODGES Jr PhD Prof F'or Path

12DONALI) HUISINGH PhD Assoc Prof Bact Dis

12S F JENKINS Jr PhD Assoc Prof Veg Dis

23R K JONES PhD Ext Asst Prof Floral Crop and Blueberry Dis (PO Castle Hayne)

5D M KLINE PhD Prof Cereal Dis

5J W KOENIGS PhD Adj Assoc Prof For Path 5E G KUHLMAN PhD Adj Assoc Prof For Path

5K J LFONARDPhD Abst Prof Corn Dis

12G B LUCAS PhD Prof Tobacco Dis 12L T LUCAS PhD Asut Prof Foruge Crop Dis

12C E MAIN PhD Asc Prof Tobacco Dis

2H D MILHOLLAND PhD Assoc Prof Blueberry Dis (PO Castle Hayne)

2L W NIELSEN PhD Prof Sweetpotato Dis 12C J NUSBAUM PhD William Neal Reynolds Prof Tobacco Dis

6R G OWENS PhD Adj Prot and Chief of Cell Biol (Coop HFW)

6R W PERO PhD Auj Aget Prof Cell Biol (Coop HEW)

5L H PERSON PhD Res Assoc Prof Emeritus Epidemiol 12N T PCWELL PhD Prof Tobacco Dis

6R A REINERT PhD Adj Assoc Prof Plant Path (Coop HEW)

5J F ROSC PhD Prei Soybean Dis

12J N SASSER PhD Prof Nematode Dis

7540

Plant Pathology-Continued

5R T SHERWOOD PhD Prof Forage Crop Dis

3P B SHOEMAKER PhD Ext Asst Prof Veg Dis (PO Fletcher Rte 2)

5H WSPURR Jr PhD Res Assoc Prof Tobacco Dis (PO Oxford)

2D L STRIDER PhD Prof Veg Dis (Peru)

23F A TODD BS Ext Prof Tobacco Dis

12Mrs HEDWIG H TRIANTAPHYLLOU PhD Prof Nematode Morphol

2FL WELLMAN PhD Visiting Prof Emer Tropical Phytopath

3J C WELLS MSA Ext Prof Path

5R E WELTY PhD Assoc Prof Tobacco Dis

7520

123R E COOK PhD Prof and Head of Dept (919-755-2626)

23L G ARENDS PhD Ext Asst Prof Nutr

2W L BLOW PhD Assoc Prof Genet

2D M BRIGGS PhD Asst Prof Physiol

2H L BUMGARDNER PhD Prof Poultry Sci and Campus Coord Peru Proj

12W M COLWELL PhD Assoc Prof Path

2F W COOK PhD Assoc Prof Emer Physiol

12W E DONALDSON PhD Prof Nutr

12J D GARLICH PhD Asst Prof Nutr
2P B HAMILTON PhD Assoc Prof Microbiol

23J R HARRIS DVM Ext Prof Path

2C H HILL PhD Prof Nutr

2C S KIM PhD Asst Prof Nutr

3G A MARTIN PhD Ext Assoc Prof Genet

3W C MILLS Jr PhD Ext Prof Genet

3T B MORRIS MS Ext Assoc Prof Genet

12Mrs NANCY S MUELLER PhD Asst Prof Embryol

3C F PARRISH BS Ext Prof Emer
2D D PATE DVM Asst Prof Microbiol

12W R PRINCE PhD Asst Prof Physiol

12J P THAXTON PhD Asst Prof Physiol

3J R WEST MS Ext Instr

Sociology and Anthropology

7530

123S C MAYO PhD Prof and Head of Dept (919-755-2491)

1H GBEARD EdD Assoc Prof Educ Sociol

IRC BRISSON PhD Asst Prof Community Ldrship

1T E CLARK PhD Asst Prof Fam

1Mrs HELEN P CLARKSON MA Instr Social Work

12W B CLIFFORD PhD Asst Prof Demography

3J N COLLINS MAgr Ext Asst Prof Community Devlpmt

3J W CRAWFORD BS Ext Prof in Chg Community Devlpmt

12A C DAVIS PhD Assoc Prof Complex Organ

1C G DAWSON PhD Asst Prof Vocat Educ (PO Fort Braga)

1L W DRABICK PhD Assoc Prof Educ Social Methodal
13J D GEORGE PhD Ext Prof Community Devlpmt

124C H HAMILTON PhD Prof Demography and Social Statis

3V E HAMILTON MS Ext Community Devlpmt Spec

3T N HOBGOOD Jr MS Ext Asst Prof Community Devlpmt

1H D HOLDER PhD Visiting Assoc Prof Community

1T M HYMAN PhD Asst Prof Community Social Psychol

1C E LEWIS PnD Visiting Asst Prof Occup Mobil 1C P MARSH MS Prof Planned Cha Applied Res

12G C McCANN PhD Prof Social Psychol

1C V MERCER PhD Assoc Prof Indus Sociol 1R L MCXLEY PhD Asst Prof Community Devlpmt

1R D MUSTIAN PhD Asst Prof Demography

1G S NICKERSON MA Instr Anthropol

1J G PECK MA Instr Anthropol

3D R PROCTOR MS Ext Community Devlpmt Spec

1H D RAWLS PhD Assoc Prof Social Psychol Rehabil

1Mrs IDCNNA RUSSELL MSW Visiting Asst Prof Social Work

1M M SAWHNEY PhD Assoc Prof Social Psychol

1Mrs ELIZABETH M SUVAL PhD Asst Prof Popula Criminol

3P P THOMPSON MS Ext Asst Prof Community Devlpmt

1J N YOUNG PhD Prof Social Ldrship

Soil Science

23J V BAIRD PhD Ext Prof and Actg Head of Dept (919-755-2655)

23L E AULL MS Res Assoc Soil Genesis Classif

3J S BARNES MS Ext Instr Fert Mgt (PO Plymouth)

12W V BARTHOLOMEW PhD Prof Soil Bact and Internatl Soil Fert Eval and Impr

12S W BUOL PhD Prof Soil Genesis Classif

2R B CATE Jr MS Res Assoc Internatl Soil Fert Eval and Impr

12M G COOK PhD Prof Soil Mineral

2F R COX PhD Assoc Prof Fert Mgt

12G A CUMMINGS PhD Assoc Prof Fert Mat

5R B DANIELS PhD Assoc Prof Soil Genesis Classif and Mapping

2J F DOGGETT BS Assoc Prof Fert Mgt (Peru)

26D W EADDY PhD Asst Prof Fert Mgt and Dir Scil Testing Lab

5E E GAMBLE PhD Asst Prof Soil Genesis Classif and Mappina

12J W GILLIAM PhD Assoc Prof Soil Chem

2A H HUNTER PhD Visiting Assoc Prof Internati Soil Fert Eval and Impr

12W A JACKSON PhD Prof Mineral Nutr

12E J KAMPRATH PhD Prof Fert Mgt

2J P LILLY MS Res Asst Fert Mgt (PO Castle Hayne)
12J F LUTZ PhD Prof Soil Phys

2C K MARTIN PhD Asst Prof Fert Mgt
2C B McCANTS PhD Prof Fert Mgt

2R E McCOLLUM PhD Assoc Prof Fert Mgt

2G F PEEDIN MS Res Asst Soil Fert Mgt

2C D PHILEN Jr BS Res Asst Soil Chem. 23J A PHILLIPS PhD Ext Assoc Prof Soil Mgt

2P A SANCHFZ PhD Asst Prof Fert Mgt (Peru)

2J E SHELTON PhD Asst Prof Fert Mgt (PO Fletcher Rte 2)

12C DSOPHER PhD Asst Prof Soil Mgt 2R B STRYKER MS Res Asst Soil Chem

3D L TERRY PhD Ext Asst Prof Fert Mgt

2T R C TONKINSON MS Instr Radioisotope Lab

12R J VOLK PhD Prof Mineral Nutr

2J L WALKER PhD Visiting Assoc Prof Internatl Soil Fert Eval and Impr

2D L WAUGH PhD Visiting Assoc Prof Internatl Soil Fert Eval and Impr

12S B WEED PhD Prof Soil Chem
2W G WOLTZ PhD Prof Fert Mgt

2W W WOODHOUSE Jr PhD Prof Fert Mgt Forages

Statistics (Sch of Phys and Math Sci)

7550

12D D MASON PhD Prof and Head of Dept (919-755-2528) 1 ALFONSO ANGELONE MS Res Assoc Bioinstrument-

12A J BARR MS Fes Assoc Technol Digital Computer 1B B BHATTACHARYYA PhD Assoc Prof Econometrics 1J L CHRISTOPHER BS Res Asst Technol Computer Prog

12C C COCKERHAM PhD Prof Statis Genet

1GERTRUDE M COX MS Prof Emer Design Expt

1R P GECKLER PhD Res Assoc Expt Ecol 1H J GOLD PhD Assoc Prof Math Biochem

2M M GCODMAN PhD Assoc Prof Status Genet

1JOHN GRAHAM PhD Res Assoc Entomol

1A H E GRANDAGE PhD Prof Est and Test Parameter

1R J HADER PhD Prof Design and Anal Expt 2H K HAMANN MS Assoc Statis Design and Anal Expt

1 2D W HAYNE PhD Prof Quant Ecol and Wildlife Statis
1L J HERBST PhD Assoc Prof Time Series Anal

2H J KIRK MS Asst Statis Computer Prog

12A C LINNERUD PhD Asst Prof Statis in Anim Sci

12C H LITTLE PhD Assoc Prof Econometrics

12H L LUCAS PhD William Neal Reynolds Prof Design and Anal Expt

1D C MARTIN PhD Asst Prof Statis Methods and Computer Sci

1R E MASON MSA Assoc Statis Quant Ecol 1F E McVAY PhD Prof Anal Statis

12R J MONROE PhD Prof Design and Anal Expt
12L A NELSON PhD Assoc Prof Design and Anal Expt

12C H PROCTOR PhD Prof Surv Theory and Methods

Statistics (Sch of Phys and Math Sci)—Continued

1C P QUESENBERRY PhD Prof Non-Parametric Statis

12J O RAWLINGS PhD Prof Statis Genet

1D L RIDGEWAY PhD Prof Biophys

1Mrs BARBARA D SMITH BA Asst Statis Computer Proq

IR G D STEEL PhD Prof Design and Anal Expt

1B J STINES MS Assoc Statis Surv Methods

1D W TURNER MS Asst Statis Quant Ecol

1H R VAN DER VAART PhD Prof Math Applied to Statis Biol Problems

12F J VERLINDEN MS Senior Res Technol Diaital Computer

12J A WARREN PhD Assoc Prof Design and Anal Expt 1J L WASIK PhD Asst Prof Educ Statis 1PHYLLIS A WEBB MES Asst Statis Computer Prog 1MARY & WILLIAMS PhD Asst Prof Biomath

12D E DAVIS PhD Prof and Head of Dept (919-755-2741) 6J W ANGELOVIC PhD Adj Assec Prof Physiol Ecol (Coop USDI)

12F S BARKALOW PhD Prof Mammal

12Mrs PHYLLIS C BRADBURY PhD Asst Prof Protozool

12B J COPELAND PhD Assoc Prof Marine Sci

6F A CROSS PhD Adj Asst Prof Marine Biol (Coop USDI)

12REINARD HARKEMA PhD Prof Parasitol

12W W HASSLER PhD Prof Ichthyol

6F E HESTER PhD Prof Fishery Biol (Coop USDI)
12J E HOBBIE PhD Assoc Prof Limnol

6D H K LEE PhD Ad) Prof Vertebr Physiol (Coop HEW)

12C FLYTLE PhD Assoc Prof and IBS Teaching Coord Marine Biol

12B S MARTOF PhD Prof Vertebr Zool

12G C MILLER PhD Prof Parasitol

12Mrs NANCY S MUELLER PhD Asst Prof Embryol

6B D NELSON PhD Adj Asst Prof Cellular Physiol (Coop HEW)

12T L QUAY PhD Prof Ornithol6T R RICE PhD Adj Prof Marine Marine Radiobiol (Coop USDI)

12J F ROBERTS PhD Assoc Prof Cellular Physiol

12D E SMITH PhD Assoc Prof Cellular Physiol

12W F STANDAERT PhD Asst Prof Ecol

12A M STUART PhD Assoc Prof Behavior of Invertebr

6J G VANDENBERGH PhD Adj Assoc Prof Behavior of Vertebr (Coop NCDMH)

6R B WILLIAMS PhD Adj Assoc Prof Marine Ecol (Coop USDI)

6P N WITT ME Adj Prot Benavior (Coop NCDMH)

6D A WOLFE PhD Adj Assoc Prot Marine Biogeochem (Coop USDI)

Research Stations 7570

26C D THOMAS MS Dir of Div of Res Sta(s)

(919-829-3237)

2L W HEDSPETH BS Agr Engin

6P H KELLEY MS Admin Off (Under NCDA)

2E F WIGGINS BS Agr Engin

Border Belt Tob Res Sta (PO Whiteville)

6W J DICKENS BS Supt (Under NCDA) (919-648-4703)

Central Crops Res Sta (PO Clayton)

2W C ALLSBROOK Supt (919-922-6468)

Coastal Plain Res Sta (PO Willard)

6J W SUMNER BS Supt (Under NCDA) (919-285-2242)

Coastal Plain Veg Res Sta (PO Faison)

2F E CUMBO BS Supt (919-267-3536)

Hort Crops Res Sta (PO Castle Hayne)

2J M JENKINS Jr PhD Supt and Res Prof

(919-675-2314)

Lower Coastal Plain Tob Res Sta (PO Kinston)

2S T BARNES BS Supt (919-527-3579)

Mt Hort Crops Res Sta (PO Fletcher)

2H E BLACKWELL. BS Supt (704-891-7251)

Mt Res Sta (PO Waynesville)

6J R EDWARDS MS Supt (Under NCDA) (704-456-3943)

Oxford Tob Res Sta (PO Oxford)

6B N AYSCUE BS Supt (Under NCDA) (919-693-5151)

Research Stations-Continued

Peanut Belt Res Sta (PO Lewiston)

6W R BAKER Jr BS Supt (Under NCDA) (919-397-2213)

Piedmont Res Sta (PO Salisbury)

6C Z McSWA!N Jr BS Supt (Under NCDA) (704-278-2624) Sandhills Res Sta (PO Jackson Springs)

2C S BLACK MS Supt (919-974-4673)

Tidewater Res Sta (PO Plymouth)

6J W SMITH BS Supt (Under NCDA) (919-793-2049)

Upper Coastal Plain Res Sta (PO Rocky Mount)

6W H BAILEY BS Supt (Under NCDA) (919-442-7326)

Upper Mt Res Sta (PO Laurel Springs)

6D F TUGMAN BS Supt (Under NCDA) (919-982-2501)

Upper Piedmont Res Sta (PO Reidsville)

2H O GENTRY Jr BS Supt (919-349-8347)

Miscellaneous 7575

2R J DOWNS PhD Prof Bot and Dir Southeast Plant Environ Lab (919-755-2778)

2J W FITTS PhD Prof Soil Sci and Dir Internatl Soil Fert Eval and Impr (919-755-2277)

26A V HARDY MS Climatol (Coop USDI)

2CARMEN MARIN LS Head Tob Lit Serv (919-755-2836)

2H V MARSHALL Jr BS Supt Univ Farms (919-755-2823)

School of Agriculture and the Agricultural Extension Service of the North Carolina Agricultural and Technical State University, Greensboro 27411 (Main tel 919-273-1773)

College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Part-time College Staff

7580

7610

7650

13L C DOWDYEdD LittD Pres of Univ (Tel 919-273-1773 Ext 314)

1G F RANKIN EdD Dean of Academic Affairs (Tel 919-273-1773 Ext 277)

13B C WEBB PhD Dean Sch of Agr (Tel 919-273-1773 Ext 233)

3R E JONES MS Dir of Ext (Tel 919-274-4696)

Animal Industry
1 TALMAGE BREWER MS Asst Prof

1J E GRIER MS Asst Prof

1A S TOTTEN MS Assoc Prof 3R L WYNN Dairy Spec

Economics (Agr)

7635

1S H EVANS PhD Prof and Chmn 1H F ROBINSON PhD Prof 14B B COLEY MS Asst Prof

6F A WILLIAMS PhD Prof

Education (Agr)

7640

1A P BELL EdD Prof and Chmn 1W T ELLIS PhD Assoc Prof 6G F RANKIN EdD Prof

Home Economics 7645

1Mrs CECILE H EDWARDS PhD Prof and Chmn IMrs CLARA V EVANS MS Prof 3Mrs HELEN BRANFORD Dist Home Econ Agt 1Mrs ANN L DAVIS MS Assoc Prof 6SEETHA GANAPATHY PhD Home Econ Res

3Mrs GENEVIEVE K GREENLEE Home Econ Spec 1Mrs E BERNICE JOHNSON MS Assoc Prof

3Mrs JOSEPHINE W PATTERSON Dist Home Econ Agt

1KATRINA PORCHER MA Asst Prof 3Mrs BESSIE B RAMSEUR Home Econ Agt

IMYRTLE L SMITH PhD Prof

1Mrs E K VEREEN BS Instr 1Mrs KATYE G WATSON MEd Instr

Plant Science and Technology

1S J DUNN PhD Chmn

1E S CARR BS Instr 3T W FLOWERS Ext Hort Spec

1C A FOUNTAIN PhD Prof

132

7690

Plant Science and Technology-Continued Animal Science 12M L BUCHANNAN MS Prof and Chmn of Dept (701-1J W R GRANDY BS Instr 3S J HODGES Agron Spec 237-7641) IM P McCLEAVE MS Instr 12R J AMUNDSON BS Instr Sheep 125P W ASCHBACHER PhD Assoc Prof Physiol 6B C WEBB PhD Prof 12L D BECK MS Asst Prof Dairy 2P T BERG MS Instr IL A YATES MS Instr 12R B DANIELSON BS Instr Beef 125K L DAVISON PhD Asst Prof Physiol 12W E DINUSSON PhD Prof Anim Nutr 7660 Miscellaneous 3Mrs MINNIE M BROWN Asst State Home Aqt 3W C COOPER MS 4-H Spec 6H A JOHNSON MS Supt Col Farms 12C G EDGERLY MS Assoc Prof Dairy 12D O ERICKSON PhD Assoc Prof Anim Nutr 3G R FISHER PhD Assoc Prof Dairy 3L R JOHNSON Dist Agr Agt 6W T JOHNSON MS Supvr Vocat Agr 12R L HARROLD PhD Asst Prof 12C N HAUGSE MS Assoc Prof Statis 6M S SANDERS MS Assoc Supvir Vocat Educ 12D T JENSEN BS Instr 12J N JOHNSON MS Asst Prof Swine 3L J JOHNSON PhD Asst Prof Anim Husb 3J A SPAULDING Dist Agr Agt 12R L JOHNSON BS Instr 12V K JOHNSON PhD Assoc Prof Meats NORTH DAKOTA 3M A KIRKEIDE MS Assoc Prof Anim Husb 12R D KNUTSON MS Asst Prof Beef Cattle College of Agriculture, the Agricultural Experiment 12M R LIGHT MS Assoc Prof Sheep 12M J MARCHELLO PhD Asst Prof Station, and the Cooperative Extension Service of the North Dakota State University of Agriculture and Applied Science, 3H J McLEOD MS Assoc Prof Dairy Mktg Econ State University Station, Fargo 58102 (Main tel 701-237-8011) 3I J MORK BS Assoc Prof Poultryman 125J C PEKAS PhD Asst Prof Physiol 12R J ROSE PhD Asst Prof Poultry 1College Staff 2Station Staff 3Extension Staff 12J L SELL PhD Prof Poultry 3G E STRUM MS Prof Anim Husb 4Leave of Absence 5Coop USDA 60ther Govt Agency 7Misc 9A-TR, M-S Program 125E J THACKER PhD Prof Physiol 12J E TILTON PhD Assoc Prof Physiol 7670 123L D LOFTSGARD PhD Pres of Univ (701-237-7211) 7730 Bacteriology 12K J McMAHON PhD Prof and Chmn of Dept 123K A GILLES PhD Vice Pres for Agr IR L SULLIVAN PhD Dir of Res Admin (701-237-7667) 1294 G HAZEN MS Dean of Agr and Dir of Sta (701-237-12Mrs MARY E BROMEL PhD Assoc Prof 12J A DOUBLY MS Asst Prof 7654) 12H R LUND PhD Asst Dean and Asst Dir 12B R I'UNKE PhD Asst Prof 12D H MARSH PhD Asst Prof 12P A NYSTUEN MS Asst Dean and Asst Dir 2Mrs LOIS C PRONOVOST BS Admin Asst to Dir 12B P SLEEPER PhD Prof **3A H SCHULZ** MS Dean of Ext (701-237-8944) 125P P WILLIAMS PhD Prof 3F D SOBERING PhD Assoc Dir 12H D STOCKMAN MSBA Comptroller 774C Biochemistry 12H J KLOSTERMAN PhD Prof and Chmn of Dept 1EDYTHE L TORING Bus Mgr IR J CORLISS ES Asst Bus Mgr (701-237-7678) 125J E BAKKE PhD Asst Prof Biochem 12A G FISCHER PhD Asst Prof 12J R FLEEKER PhD Asst Prof 7680 Agronomy 125DS FREAR PhD Prof Biochem 12J F CARTER PhD Prof and Chmn of Dep: 12GEORGE GRAF PhD Prof (701-237-7971) 125D R NELSON PhD Asst Prof Biochem 2A E OLESON PhD Asst Prof 2A R BELL MS Instr 12R H BUSCH PhD Asst Prof 125G G STILL PhD Prof Chem 12E L DECKARD PhD Asst Prof Crop Physiol 3A G DEXTER PhD Asst Prof Crop Physiol 3A G DEXTER PhD Asst Prof Weed 12D C EBELTOFT MS Assoc Prof Seed Stocks 2J R ERICKSON PhD Asst Prof Plant Brdg 125D C ZIMMERMAN PhD Assoc Prof Chem 7754 Botony 12A E FOSTER PhD Prof Plant Brdg 12W C WHITMAN PhD Prof and Chmn of Dept 12R C FROHBERG PhD Assoc Prof Plant Brda (701-237-7224) 12 J HAMMOND PhD Asst Prof Genet 12M E DUYSEN PhD Asst Prof 12D S GALITZ PhD Assoc Prof 125R H HODGSON PhD Asst Prof Plant Physicl 3L A JENSEN BS Prof Agron 125L R JOPPA PhD Asst Prof Genet 12HAROLD GOETZ PhD Assoc Prof 3K W HARMON PhD Asst Prof Wildlife Mgt 2K A LUCKEN PhD Assoc Prof Plant Brdg 12S S MAAN PhD Assoc Prof Cytogenet 7760 Cereal Chemistry and Technology 12C G MESSERSMITH PhD Instr Weed 20 J BANASIK MS Prof and Actg Chmn of Dept 12D W MF.YER PhD Asst Prot Forage Physiol (701-237-7711) 3L W MITICH PhD Assoc Prof Agron 12B L D'APPOLONIA PhD Asst Prof 12J D NALEWAJA PhD Prof Weed 12C E McDONALD PhD Assoc Prof 5W C SHUEY PhD Res Technol 12G A PETERSON PhD Prof Plant Brdg 2L D SIBBITT Assoc Prof 2Mrs SANDRA K SKARSAUNE PhD Asst Prof 2J S QUICK PhD Assoc Prof Plant Brdg 12P C SANDAL PhD Prof Plant Brdg 12A B SCHOOLER PhD Assoc Prof Cytogenet 12D E WALSH PhD Instr 125R H SHIMABUKURO PhD Asst Prof Plant Physiol 125V L YOUNGS PhD Asst Prof Chem 3G H SMITH MS Assoc Prof Sugarbeet Spec 12G S SMITH PhD Prof and Dean of Grad Sch Plant Brdg 777 Economics (Agr) 2C M SWALLERS MS Asst Prof Crop Prod 12F R TAYLOR PhD Prof and Chmn of Dept 12D A WHITED PhD Asst Prof. (701-237-7441) 2WILLIAM WIIDAKAS MS Assoc Prof Plant Brdg 12D E ANDERSON PhD Prof Crops Mktg 12D O ANDERSON PhD Prof Prod and Resource Econ 125N D WILLIAMS PhD Prof Genet

NORTH DAKOTA

Eco	nom	ics	(Agr)_C	ntin	ued
	_					

3R A ANDERSON MS Assoc Prof Farm Mgt Econ

2D W BERGER BS Asst in Agr Econ

12D W COBIA PhD Assoc Prof

2R W COX PhD Prof Mktg

3N A DOROW PhD Prof Econ Public Affairs

12E V DUNN MS Asst Prof

12G W ERLANDSON PhD Assoc Prof

2R G FRAASE MS Asst Prof

12T A HERTSGAARD PhD Prof Resource Devlpmt

12J E JOHNSON MS Asst Prof Land and Water Econ

12R G JOHNSON PhD Assoc Prof

12F L LEISTRITZ PhD Asst Prof

3H J McDONALD PhD Assoc Prof Grain Mktg Econ

5WALLACE McMARTIN MS Agr Econ

127D C NELSON PhD Assoc Prof Dir Transp Inst

12T K OSTENSON MS Asst Prof Agr Taxation

3W W OWENS MS Assoc Prof Resource Econ

37 L REFF MS Asst Prof Assoc Farm Mgt Econ

3B B RICE MS Assoc Prof Farm Mgt Econ

2L W SCHAFFNER MS Asst Prof Farm Mgt 3E C VANGSNESS MS Asst Prof Resource Econ

5S W VOELKER MS Agr Econ

5R L VOSSEN BS Asst Statis

7780

1D W PRIEBF PhD Prof and Chmn of Dept (701-237-7436)

1J H O'KEEFFE MS Dir of Supervised Study

IS DOWEN MS Prof

Engineering (Agr)

7790

12W J PROMERSBERGER MS Prof and Chmn of Dept (701-237-7261)

3PW BREUER MS Asst Prof Civ Def

3R H COSSETTE MA Assoc Prof Agr Engin
12HAROLD HOLMEN MS Asst Prof Soil and Water

3D W JOHNSON MS Assoc Prof Agr Engin

12H L KUCERA MS Assoc Prof Power and Mach

3D R LUNDSTROM MS Asst Prof Asst Agr Engin 12C W MOILANEN MS Assoc Prof Farm Shop

12G L PRATT PhD Prof Farm Structures

12R T SCHULER PhD Asst Prof 12E C STEGMAN PhD Assoc Prof

3S L VOGEL BS Assoc Prof Agr Engin

12R L WITZ MS Prof Elec Power and Proc

Entomology (Agr)

7800

12J A CALLENBACH PhD Prof and Chmn of Dept (701-237-7581)

6A W ANDERSON PhD Res Assoc

125R A BELL PhD Asst Prof Ent

7W J BRANDVIK MS Asst State Ent

125R C BUSHLAND PhD Prof Dir of M & R Lab

12R B CARLSON PhD Asst Prof 3W J COLBERG MS Prof Ent (State Ent)

125B J COOK PhD Asst Prof Physiol

12R D FRYE PhD Asst Prof

125WALDEMAR KLASSEN PhD Prof Genet

125L E LaCHANCE PhD Prof Genet

125E P MARKS PhD Assoc Prof Ent 3D K McBRIDE MS Asst Prof

12G B MULKERN PhD Prof

125D T NORTH MS Assoc Prof 12R L POST PhD Prof

12M S QURAISHI PhD Prof

125J G RIEMANN PhD Assoc Prof

12J T SCHULZ PhD Prof

125D E WAGONER PhD Asst Prof Genet

Extension Administration

78 10

3Mrs MAPILYN BACKMAN BS Assoc Prof Prog Coord 3S W BALE MS Prof Dist Supvr 3Mrs SARAH J EIDSVIG MS Asst Prof Asst 4-H Ldr

30 E JACOBSON BS Assoc Prof Admin Asst

3R A JOHNSON MS Prof Dist Supvr

3M D JOHNSRUD PhD Prof State Ldr Personnel

Extension Administration-Continued

3H K LAHLUM MS Assoc Prof Assoc 4-H Ldr 3T A MARTINDALE MS Prof Asst Dir for Youth

3Mrs BETHEL B McLEOD BS Asst Prof Assoc Home Econ Ldr

3D E PALMER PhD Assoc Prof Assoc State 4-H Ldr

3J F STINE MS Prof Dist Supvr

3Mrs KATHRYN E SUGHRUE MS Prof Asst Dir for Fam Living

3J D WESTRA MS Asst Prof Asst State 4-H Ldr

Home Economics (Col of Home Econ)

7820

1CAROLINE BUDEWIG EdD Dean of Col (701-237-8211) 1Mrs ROSE A ANDERSON MA Instr Home Econ Educ

3Mrs M JEAN BAEDER BS Asst Prof Food Spec 3Mrs VYONNE R BALE MS Assoc Prof Nutr

IMARION BENSON MS Assoc Prof Home Econ Educ

1Mrs ARDITH M BRAATEN MS Instr Food and Nutr

1ETHEL BUEHL MS Instr Text and Cloth

IN E DRAPER MS Instr Child Devlpmt and Fam Relat 1 Mrs DOROTHY T DYER MS Prof Child Devlpmt and Fam Relat

ICAROLYN I ERICKSON MS Instr Child Devlpmt and Fam Relat

1Mrs VIRGINIA S HASSOUN MS Instr Home Mgt

1Mrs EDNA HOLM MS Lect Food and Nutr

1Mrs PATRICIA S HULL MS Instr Text and Cloth

1G W HUNTER MD Prof Child Devlpmt and Fam Relat

1 Mrs EDITH JAGIM RN Lect Home Mgt

1Mrs COILA JANECEK MS Asst Prof Text and Cloth 1Mrs IDA B JOHNSON MS Asst Prof Child Devlpmt and

Fam Relat 1Mrs HARRIETT K LIGHT MS Asst Prof Child Devlpmt

and Fam Relat IMrs BEATRICE LITHERLAND MS Asst Prof Text and

Cloth 1PETER MUNTON MA Instr Art

1Mrs PATRICIAD MURPHY PhD Assoc Prof Home Econ Educ

1Mrs BARBARA NORTH MS Asst Prof Food and Nutr IMAVIS NYMON PhD Prof and Chmn of Foods and Nutr 1Mrs AKHTAR S QURAISHI MS Asst Prof Child Devlpmt

and Fam Relat 3Mrs LOIS G RESTEMAYERMS Ass∞ Prof Fam

Econ 1EMILY P REYNOLDS MS Assoc Prof and Chmn of Dept of Text and Cloth

IMrs ALICE RISING MS Asst Prof Text and Cloth 1Mrs JOSEPHINE BARTOW RUUD EdD Prof and

Chmn of Home Econ Educ

1Mrs BEA RYSTAD MS Asst Prof Home Mgt 1LORISSA SHELDON MS Assoc Prof Foods and Nutr

1Mrs BEVERLY K SLOTTEN MS Asst Prof Home Econ Educ

3Mrs GEORGIA SMITH MS Asst Prof Home Mgt Spec 1Mrs RUTH SPIDAHL MS Assoc Prof Home Econ Educ

and Asst Dean 1Mrs KATHERINE E STAPLES MS Instr Food and Nutr IW E TOLLEFSON MA Instr Art

1Mrs MARION S WALKER MS Assoc Prof and Chmn Home Mgt

1Mrs ROBYNE WILLIAMS MS Lect Text and Cloth 3A JANE WILLIAMSON MS Assoc Prof Cloth

Horticulture and Forestry

12E P LANA PhD Prof and Chmn of Dept (701-237-8161)

3R G ASKEW MS Asst Prof Hort

3R H HEINTZ BS Assoc Prof 12D G HOAG BS Prof Ornam

12N S HOLLAND MS Assoc Prof Fruit

2R H JOHANSEN PhD Prof Potatoes

12D C NELSON PhD Assoc Prof Potatoes 12E W SCHOLZ PhD Asst Prof Veg

Information (Agr)

3R A JARNAGIN PhD Prof Dir of Commun (701-237-7881)

3J A BERG MS Asst Prof Dir Educ Serv

3J J FEIGHT MS Asst Prof Ed

3JR KENWARD MS Assoc Prof Assoc Ed

Information (Agr)-Continued

3M F LANZ BS Asst Prof Asst Ed

3Mrs DOROTHEA G McCULLOUGH MS Asst Prof Assoc Ed

3C R ROTZIEN Asst Ed

Plant Pethology

7850

12R L KIESLING PhD Prof and Chmn of Dept (701-237-7561)

5R M CRESSMAN PhD Plant Path

12R M HOSFORD Jr PhD Asst Prof

12J E HUGUELET PhD Assoc Prof

12L J LITTLEFIELD PhD Assoc Prof

3E H LLCYD Jr PhD Asst Prof Plant Path

51 D MILLER PhD Plant Parh

12V D PEDERSON PhD Prof

12G D STATLER PhD Asst Prof

125H G TIMMER PnD Plant Path
5D F ZIMMER PnD Plant Path

Soils

7860

12E BINORUM PhD Prof and Chmn of Dept (701-237-8901)

12ARMAND BAUER PhD Prof Soil Fert

24G A BORCHERS BS Asst in Soil Surv

12D K CASSEL PhD Assoc Prof 2W C DAHNKE PhD Asst Prof

3D L DODDS MS Assoc Prof Conserv

5A R GRABLE PhD Assoc Prof

2D M HEIL BS Asst in Soil Surv

12 J T MORAGHAN PhD Prof Soil Chem

2H W OMODT MS Assoc Prof Genesis and Classif

2D D PATTERSON MS Asst Prof Soil Surv

125JF POWER PhD Assoc Prof 12J M RAMIREZ MS Asst Prof 2F W SCHROER MS Asst Prof Soil Surv and Chem

12N E SMECK PhD Asst Prof

24 D SWEENEY MS Asst Prof Soil Surv

2A A TORKELSON BS Instr 3EDFRED VASEY PhD Assoc Prof Soil Testing and Fert

3D F WAGNER PhD Asst Prof Asst Soil Spec

125W O WILLIS PhD Assoc Prof

12J C ZUBRISKI PhD Prof Soil Fert

Veterinary Science

7865

12M F ANDREWS DVM Prof and Chmn of Dept (701-237-7511)

2A D ALSTAD DVM Asst Prof

12I E BERG DVM Asst Prof 12F M BOLIN DVM Prof

2P K McILWAIN MS Asst Prof 12E C MESLOW MS Asst Prof

12I A SCHIPPER DVM Prof

12G E STAPLES DVM Assoc Prof

Miscelleneous

7870

1K L JANECEK MA Dir of Libi (701-237-8876)

Substations

7880

Agronomy Seed Farm

2MARK JENDRO Supt (701-672-4743)

Carrington (Irrigation)

2H M OLSON MS Supt (701-652-2731)

2L A BUSCH BS Asst Agr Engin

Dickinson

2T | CONLON MS Supt (701-225-3298)

2R J DOUGLAS MS Anim Husb

2J L NF:LSON BS Asst Anim Husb

Hettinger

21 C FALLER BS Supt (701-567-2877)

Langdon

2R F. NOWATZKI BS Supt (701-256-2582)

Minot (North Central)

2E K HOAG MS Supt (701-838-1434)

2G N GEISZLER MS Agron

Williston

2E W FRENCH MS Supt (701-572-2747)

2N R RIVELAND MS Asst Agron

OHIO

The College of Agriculture and Home Economics, The Cooperative Extension Service, College of Biological Sciences and College of Veterinary Medicine of The Ohio State University, Columbus 43210 (Main tel 614-422-7607)

1College Staff 2Research Center Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Ohio Dept of Agr 70ther Coop Agencies 9A-TR, M-S Program

7890

1N G FAWCETT LLD Pres of Univ (614-422-2424)
1J A ROBINSON PhL Vice Pres for Acad Affairs and

Provost for Univ (614-422-5881)

1239R M KOTTMAN PhD Dean of Col of Agr and Home Econ, Dir of Agr Res and Devlpmt Center, and Dir of Coop Ext Serv (614-422-6891)

12J M BEATTIE PhD Assoc Dir of Agr Res and Devlpmt Center (PO Wooster 44691) (216-264-1021)

12RW TEATER PhD Assoc Dean of Col of Agr and Home Econ and Asst Dir of Agr Res and Devlpmt Center (614-422-6891)

123LOIS A LUND PhD Assoc Dean of Col of Agr and Home Eron and Dir of Sch of Home Econ (614-422-8119)

30 L MUSGRAVE PhD Assoc Dir of Coop Ext Serv (614-422-6181)

1R H BOHNING Pn[. Dean of Col of Biol Sci (614-422-4793)

1C R COLE DVM PhD Regents Prof and Dean of Col of Vet Med (614-422-8727)

12R R DAVIS PhD Asst Dir of Agr Res and Devlpmt Center (PO Wooster 44691) (216-264-1021)

1E E DARROW PhD Asst Dean Stud Affairs of Col of A gr and Home Econ (614-422-6891)

12H D BAUMAN PhD Asst Dean Fiscal Affairs of Col of A jr and Home Econ (614-422-6891)

1A E RITCHIE FhD Asst Dean Acad Affairs of Col of A jr and Home Econ (614-422-6891)

123M G SMITH PhD Asst Dean Internatl Affairs of Col of Agr and Home Econ (614-422-7252)

1DH WALISER MS Secy of Col and Dir of Short Courses and Confs (614-422-6891)

123R EGEYER MS Admin Asst to Dean and Dir of Col of Agr and Home Econ (614-422-6891)

7900 Agronomy

123G W VOLK PhD Prof and Chmn of Dept (614-422-2002) 123B L SCHMIDT PhD Prof Soil and Water Conserv and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

12D A RAY PhD Prof Plant Genet Oats and Barley and Asst Chmn of Dept (614-422-2002)

12T G ARSCOTT PhD Prof Tropical Soils

12K L BADER Ft.D. Prof Turf and Assoc Dean of Stud 12A L BARTA PhD. Asst Prof Forage Crops (PO Wooster) 12L D BAVER PhD. Prof Soil Phys

12L E BENDIXEN PhD Prof Plant Physiol Weeds

13S W BONE MS Asst Prof and Ext Soil Surv 125R B CLARK Find Prof Plant Physiol Corn (PO Wooster)

125R L CLEMENTO Prof. Prof. Cereal Cher. (PC Wooster)
12R R DAVIS PhD. Prof. Turf. (PC Wooster)

17E HIDERICKSON BS Adj Asst Prof Soil and Water Conserv

12E J DOLLINGER PhD Prof Plant Genet Com (PO Wooster)
12K R EVERETT PhD Assoc Prof Polar Soils

15N R FAUSEY MS Instr Soil Phys

125W R FINDLEY Jr PhD Prof Plant Genet Corn (PO Wooster)

13R H FOLLETT PhD Asst Prof and Ext Soil Fert 12R E FRANKLIN PhD Prof Soil Cher

12D TERIDAY MS Prot and Gen Mar Fari: Sci Review

123G R GIST PhD Prot and Ext Forage Crops

17R L GOETTEMOELLER MS Adj Asst Prof Soil and Witter Conserv 12FAZ HAGHIRI PhD Prof Soil Chem Radio Ecol

(PO Wooster) 12G F HALL PhD Ass∞ Prof Pedol

137F E HEFT BS Assoc Prof and Ext Soil Conserv

7900-7935 OHIO

Agronomy-Continued

12P RHENDERLONG PhD Assoc Prof Plant Physiol and Ecol

12D E HERR PhD Assoc Prof Crop Prod and Weed Con-

12F L HIMES PhD Prof Soil Fert

12D J HOFF PhD Prof Scil Fert

12NICHOLAS HOLOWAY CHUK PhD Prof Pedol

123L D JACKSON PhD Asst Prof and Ext Soil Fert

12D L JEFFERS PhD Asst Prof Plant Physiol Soybeans (PO Wooster)

12H N LAFEVER PhD Assoc Prof Plant Genet Wheat (PO Wooster)

12E O McLEAN PhD Prof Soil Phys Chem

12H J MEDERSKI PhD Prof Plant Physiol (PO Wooster)

12R H MILLER PhD Prof Soil Bact

123R W MILLER PhD Prof Turf

10 L MUSGRAVE PhD Prof Soil Fert

23D K MYERS MS Instr Ext Forage Crops

12M H NIEHAUS PhD Prof Plant Genet Grasses (PO Wooster)

12J L PARSONS PhD Prof Forage Crops and Asst Dir for Agr US/AID

123G J RYDER Ph.D. Prof and Ext Crop Impr and Prod

123W H SCHMIDT PhD Assoc Prof and Ext Crop Prod (PO Fremont)

 $13\,L$ N SHEPHERD PhD Prof and Ext Soil Fert

12P F. SMITH PhD Prof Plant Genet Soybeans

12C R STAHNKE PhD Asst Prof Pedol

12J G STREETER PhD Asst Prof Plant Physiol Soybeans (PO Wooster)

123E W STROUBE PhD Prof and Ext Weed Control
12PAUL SUTTON PhD Prof Soil Chem Strip Mine Reclamation (PO Caldwell)

12G S TAYLOR PhD Prof Soil Phys 12R W TEATER PhD Prof Soil Fert

123J F TRIERWEILER PhD Asst Prof Soil Fert (PO Wooster)

12G B TRIPLETT Jr PhD Prof Crop Prod (PO Wooster)

12D M VANDOREN Jr PhD Prof Soil Phys (PO Wooster)

12F WVANKEUREN PhD Prof Pastures (PO Wooster)

12J P VIMMERSTEDT DFor Assoc Prof Soils (PO Wooster)

123A CWALDRON PhD Assoc Prof and Ext Pest Control

23M H WARNER BS Instr Soil Fert (PO Wooster)

123J D WELLS MS Asst Prof and Ext Tobacco and Soil Fert (PO Ripley)

12L P WILDING PhD Prof Soil Mineral

12J H WILSON BS Instr Soil Anal (PO Wooster)

125W T YAMAZAKI PhD Prof Cereal Chem (PO Wooster)

12R E YODER PhD Prof Soil Fert (PO Wooster)

7910 Animal Science

123G R JOHNSON PhD Prof Sheep and Chmn of Dept (614-422-6401)

12E W KLOSTERMAN PhD Prof Beef and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

1P G ALTHOUSE MS Asst Prof Meat Sci

14R DBARNER DVM PhD Adj Prof Vet Med

13H M BARNES BS Assoc Prof Swine Ext Spec

12R R BISHOP MS Instr Anim Sci (PO Wooster)

1R J BORTON PhD Adj Asst Prof Meat Sci 12C B BOYLES MS Instr Anim Sci (PO Caldwell)

12V R CAHILL PhD Prof Meat Sci

12J H CLINE PhD Prof Nutr

1V L DAHL DVM PhD Asst Prof Prev Med

12B A DEHORITY PhD Prof Nutr (PO Wooster)

16H E GOLDSTEIN DVM Adj Ass∞ Prof Anim Indus

12A P GRIFO MS Asst Prof Nutr (PO Wooster)

13R H GRIMSHAW MS Prof Sheep Ext Spec

12W R HARVEY PhD Prof Genet

123C A HUTTON PhD Asst Prof Horse Ext Spec

123GA ISLER PhD Asst Prof Swine Ext Spec 12J K JUDY PhD Assoc Prof Sheep

12R M KOTTMAN PhD Prof Genet

12L E KUNKLE MS Prof Meat Sci

12T M LUDWICK PhD Prof Reprod Physiol

12D C MAHAN PhD Asst Prof Nutr

123CM MARTIN PhD Prof and Area Ext Agt Anim Indus (PO Wooster)

Animal Science-Continued

12K E McCLURE MS Asst Prof Nutr (PO Wooster)
124A L MOXON PhD Prof Nutr

123H W NEWLAND PhD Prof and Area Ext Agt Anim Indus (PO Fremont)

12H W OCKERMAN PhD Assoc Prof Meat Sci

12C F PARKER PhD Assoc Prof Genet (PO Wooster)
1N A PARRETT PhD Adj Asst Prof Meat Sci

12R F PLIMPTON PhD Assoc Prof Meat Sci

12E L POTTER PhD Asst Prof Nutr (PO Wooster)
12R L PRESTON PhD Prof Nutr (PO Wooster)

123R R REED PhD Prof Beef and Ext Spec

13RO SMITH MS Asst Prof Beef Ext Spec

12L A SWIGER PhD Prof Genet

12H S TEAGUE PhD Prof Reprod Physiol (PO Wooster)
12W J TYZNIK PhD Prof Nutr

123B D Van STAVERN PhD Prof Meat Sci Ext Spec 1W G VENZKE DVM PhD Prof Anat

13W W WHARTON MS Asst Prof Prod Test Ext Spec

12G R WILSON PhD Assoc Prof Beef

12R F WILSON PhD Prof Swine

Cooperative Extension

7935

ADMINISTRATION

123R M KOTTMAN PhD Prof and Dir (614-422-6891)
30 L MUSGRAVE PhD Prof and Assoc Dir Admin Agron (614-422-6181)

3G R GIST PhD Prof and Asst Dir (614-422-6181)

34L ABEST BS Prof and Spec Educ

23 J S BOTTUM PhD Prof and Ldr Commun Resource Devlpmt Econ

3ARNOLD CAUNE MBA Admin Asst and Ldr Financial Anal Bus Admin

3BEATRICE J CLEVELAND MS Prof and Actg Asst Dir 4-H Educ

13C J CUNNINGHAM PhD Ass∞ Prof and Asst Dir Staff Devlpmt and Prog Anal Educ (614-422-5178)

3F W DALRYMPLE BS Instrand Area Supvr Educ

3R S DOUGAN PhD Prof and Asst Dir Resource Devlpmt and Public Affairs Econ (614-422-8436)

3A B EZZELL PhD Prof and AsstDir Agr Indus Econ (614-422-8436)

3A F GEHRES MS Prof and Spec Commun Resource Devlpmt Educ

123R E GEYER MS Asst Prof and Dir Long Range Study Ind Mat

3F T GRIMM MS Assoc Prof and Area Supvr Educ

13D D JENKINS PhD Assoc Prof and Ldr Prof Impr Educ 13VIVIAN L JOHNSTON MA Assoc Prof and Asst State Ldr Home Econ Educ

3E I JONES MS Ass∞ Prof and Area Supvr Educ

3C P KNOTTS MS Assoc Prof and Area Supvr Educ

3P CLEIDHEISERMS Instrand Asst State Ldr Pers Educ

13C W LIFER PhD Asst Prof Ldr Studies and Eval Educ3J H LIMBIRD MS Asst Prof and Area Supvr Econ 3ANITA R McCORMICK PhD Assoc Prof and Asst

State Ldr Home Econ Educ 13Mrs NAURINE R McCORMICK MS Prof and Asst Dir Home Econ (614-422-4077)

3T J McDONOUGH MS Asst Prof and Area Supvr Educ (PO Wooster)

3D RMISKELL MS Instr and Area Supvr Econ

Educ

3J P PARKER Jr MS Assoc Prof and Area Supvr Econ 3J D PITTMAN MS Instrand Area Supvr Econ

13MABEL M SARBAUGH MS Assoc Prof and Assoc State Ldr Home Econ Educ

123A E SHOWMAN MA Prof and Agr Ed Journal

3W E STUCKEY MS Prof and Ldr Safety and Emergency Prepared Educ

3G F WADLINGTON MS Asst Prof and Area Supvr Educ

3R L WILLIAMS BS Admin Asst and Ldr of Bus Oper Bus Admin

4-H CLUB WORK

3BEATRICE J CLEVELAND MS Prof and Actg Asst Dir 4-H Educ (614-422-5936)

34R E YOUNG MS Instrand Assoc State Ldr 4-H Educ

OHIO 7935-7970

Cooperative Extension-Continued

3S P BRUNY MA Ass∞ Prof and Asst State Ldr 4-H E duc

3 VIRGINIA M EVANS MS Instr and Asst State Ldr 4-H Educ

3C B L AU MA Asst Prof and Asst State Ldr 4-H Educ 3W C MURPHY MA Asst Pro. and Asst State Ldr 4-H Ed Admin

3C W YOUNG MS Instr and Asst State Ldr 4-H Educ

OFFICE OF INFORMATION

123A E SHOWMAN MA Prof and Agr Ed Jour (614-422-2011)

3RR HOWARD MA Assoc Prof and Assoc Ext Ed Jour 3H R BYRD BS Asst Prof and Asst Ext Ed Agr Sci 3 J P CHAPMAN MS Ass∞ Prof and Asst Ext Ed 4-H

Pubs Jour 13M W EMMONS BS Instrand Ext Photog Econ

131 W FERENCE BS Asst Ext Ed Vis Arts
3H E FRISBEE MA Assoc Prof and Asst Ext Ed Pubs

3G C GROOMS MS Asst Prof and Asst Ext Ed News Tour

3BARNEY LAEUFER MA Asst Prof Jour

3D M MORTENSEN BA Instrand Asst Ext Ed Vis Aids

3 Mrs MARILYN M REEDBS Instrand Asst Ext Ed Home Econ Radio Jour

3 J V SCHMIDT MA Assoc Prof and Asst Ext Ed TV

7940 Dairy Science

123N L Van DEMARK PhD Prof Physiol Reprod and Chmn of Dept (614-422-6851)

124L O GILMORE PhD Prof Anim Genet Dairy Cattle and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

12F R ALLAIRE PhD Asst Prof Anim Genet

123H L BARR PhD Assoc Prof Physiol Reprod Anim Genet

12W J BRAKEL PhD Prof Anim Genet Anim Husb

125E W BRUM PhD Asst Prof Anim Genet

12H R CONRAD PhD Prof Anim Nutr (PO Wooster)

124N S FECHHEIMER PhD Prof Cytogenet

127G E FULLER BS Instr Collab

12W RGOMES PhD Assoc Prof Physiol Reprod Steroids

12W R HARVEY PhD Prof Anim Genet Pop Statis

124J W HIBBS PhD Prof Anim Nutr (PO Wooster) 12H C HINES PhD Assoc Prof Immunolchem Genet

13L W JACQUEMIN BS Instr Dairy Res Anim Husb

12H E KAESER MS Assoc Prof Anim Husb Anim Nutr

125T M LUDWICK PhD Prof Physiol Reprod Anim Genet

13C D McGREW MS Prof Anim Husb

12V A NEUHARDT BS Instr Anim Husb Dairy Cattle (PO Wooster)

12D L PALMQUIST PhD Asst Prof Ruminant Nutr

123RM PORTER PhD Prof Anim Husb Immunol

13R A PCRTERFIELD PhD Prof Anim Husb Immunochem

125E R RADER MS Instr Anim Genet

12F L SCHANBACHER PhD Asst Prof Milk Sec Biochem

13R S SECHRIST MS Instr Dairy Records Anim Husb

12K L SMITH PhD Asst Prof Milk Sec (PO Wooster)

123J R STAUBUS PhD Prof Anim Nutr

123W R TAYLOR MS Assoc Prof Dairy Records Anim Genet

Dairy Technology

1231 A GOULD PhD Prof and Chmn of Dept Dairy Tech (614-422-6281)

7950

12J L BLAISDELL PhD Assoc Prof Dairy Engin

12P M T HANSEN PhD Assoc Prof Dairy Chem

12W J HARPER PhD Prof Dairy Chem

16D A HILL DVM Adj Assoc Prof Foods Dairies and Drugs

1R V JOSEPHSON PhD Asst Prof Dairy Chem

13 P KENYON BS Asst Prof Dairy Mat 123THORVALD KRISTOFFERSEN PhD Prof Dairy Microbiol and Ext Spec

13J B LINDAMOOD MS Instr Dairy Mgt and Ext Spec 12E M MIKOLAJCIK PhD Assoc Prof Dairy Microbiol 1234W L SLATTER PhD Prof Dairy Microbiol and Ext Spec Dairy Technology-Continued

12D G VAKALERIS PhD Assoc Prof Dairy Chem

17R BWATTS MS Adj Assoc Prof Sanit

Economics (Agr) and Sociology (Rural)

123D H BOYNE PhD Prof and Chmn of Dept (614-422-7911)

12FB McCORMICK PhD Prof Agr Policy and Gen Agr Econ and Ass∞ Chmn of Dept (614-422-7911)

12GH PHILLIPS PhD Prof Rural Social and Assoc Chmn of Dept (614-422-7911)

7960

12D W ADAMS PhD Assoc Prof Foreign Agr Devlpmt

12R A BAILEY PhD Prof Agr Finance

12R H BAKER PhD Prof Farm Mgt and Land Appraisal
123R L BAKER PhD Prof Poultry Mktg

123WALLACE BARR PhD Prof Econ Public Affairs and Outlook

12H D BAUMAN PhD Asst Prof Agr Finance 12E F BAUMER PhD Prof Dairy Mktq

17L K BEAR BS Adj Assoc Prof Fruit and Veg Mktg

12JS BOTTUM PhD Prof Resource Devlpmt and Ext Ldr Community Resource Devlpmt

13C CBOWEN MS Asst Prof Livestock Mktg

14P C CLAYTON PhD Prof Poultry Mktg

123M ECFAVENS PhD Prof Fruit and Veg Mktg

1E E DARROW PhD Assoc Prof Agr Finance

1R S DOUGAN PhD Prof Resource Devlpmt

12B L ERVEN PhD Asst Prof Farm Mgt
1A E EZZELL PhD Prof Agr Mktg

12T L. GLOVER PhD Asst Prof Resource Econ

123H H HADLEY PhD Prof Mktg Policy and Livestock Mktg

12D E HAHN PhD Asst Prof Agr Mktg
123G C HIMES PhD Assoc Prof Gen Agr Econ and Farm Mat

12L J HUSHAK PhD Asst Prof Resource Econ

123C H INGRAHAM PhD Ass∞ Prof Agr Bus Mgt 123R E JACOBSON PhD Prof Dairy Mktg

12T L JONES PhD Prof Agr Finance (PO Wooster)
12W F LEE PhD Asst Prof Agr Finance

140 E LEONARD PhD Prof Rural S∞iol

123BW MARION PhD Assoc Prof Food Distrib

13MARGARET F McDONALD MS Assoc Prof Econ Inform and Agr Policy

14RL MEYER PhD Asst Prof Foreign Agr Devlpmt

13D R MISKELL MS Instr Form Mgt

13A RMILNER MS Prof Grain Mktg

123J B MITCHELL PhD Prof Rural Sociol

123J E MOORE PhD Assoc Prof Farm Mgt

13A R PUGH MS Instr Resource Devlpmt

12NORMAN RASK PhD Assoc Prof Farm Mgt 123J W SHARP PhD Prof Grain Mktg and Farm Supply

12E T SHAUDYS PhD Prof Farm Mgt
12R W SHERMAN PhD Prof Agr Mktg

11 J SINGH MS Ass: Prof Econ Devlpmt

13LOIS A SIMONDS PhD. Asst Prof Mktg Inform for Consumers

12J H SITTERLEY PhD Prof Farm Mgt and Land Econ 12M G SMITH PhD Prof Agr Policy and Foreign Agr Devlpint

12H L STEELE PhD Assoc Prof Agr Mktg

12T T STOUT PhD Prof Agr Mktg

123P R THOMAS PhD Assoc Prof Mktg Policy and Livestock Mktg

123R E TONGATE PhD Asst Prof Farm Mgt

125D C TUCKER BS Instr Agr Statis

13V A VANDEMARK PhD Asst Prof Food Distrib

12F E WALKER PhD Prof Quant Methods

13E P WATKINS MS Asst Prof Food Distrib

12W A WAYT PhD Prof Land Econ

1K L WESSEL PhD Assoc Prof Foreign Agr Devlpmt 12H C WILLIAMS PhD Prof Agr Policy and Foreign Trade

AGRICULTURAL FINANCE CENTER

12R A BAILEY PhD Dir of Finance Ctr (6:14-422-6731)

Education (Agr)

123R E BENDER PhD Prof and Chim of Dept (614-422-6321)

1C W BARNETT MEd Consult

OHIO 7970-8010

Education (Agr)—Continued

1S D BORCHER PhD Asst Prof 1L W BOUCHER PhD Assoc Prof

1W A CAMERON PhD Asst Prof.

13C J CUNNINGHAM PhD Assoc Prof and Ext Asst Dir Staff Devlpmt and Prog Anal

1J H DAVIS MS Consult

1J E DOUGAN MS Consult

13A F GEHRES MS Prof 1R E GEYER MS Asst Prof 1G S GUILER PhD Prof

1J J HALTERMAN PhD Prof

1W L HULL EdD Assoc Prof

13D DJENKINS PhD Assoc Prof and Ext Ldr Prof Impr

13C W LIFER PhD Asst Prof and Ext Ldr Studies and Eval

1J H MAGISOS PhD Assoc Prof

1R W McCORMICK PhD Prof

1J D McCRACKEN PhD Asst Prof

1D L PARKS PhD Consult 1P F PULSE MS Instr

1H E RIDENOUR PhD Consult

1A E RITCHIE PhD Prof 1T R ROBINSON PhD Asst Prof

IW E SCHROEDER PhD Ass∞ Prof

1J T STARLING PhD Asst Prof and Consult

IRETAYLOR PhD Prof

1C O TOWER MS Consult

1D H WALTSER MS Instr.

1J R WARMBROD PhD Prof

1) W WATKINS MS Consult

1RH WILSON PhD Prof

1W H WOLF PhD Prof

1R J WOODIN PhD Prof

13R E YOUNG MS Instr

Engineering (Agr)

123G L NELSON PhD Prof Structures Environ Pr∞ and Chmn of Dept (614-422-6131)

12W L ROLLER PhD Prof Structures and Environ and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

12H J BARRE PhD Prof Structures and Environ

12R C BELT BS Instr Power and Mach

12J L BLAISDELL PhD Assoc Prof Food Engin

13J D BLICKLE MS Prof and Ext Agr Engin Bldgs

124B L BONDURANT MS Prof Soil and Water

125R D BRAZEE PhD Prof Fine Particle Phys and Turbul Diffus (PO Wooster)

123D M BYG MS Prof and Ext Agr Engin Power and Mach

12R B CURRY PhD Prof Soil and Water (PO Wooster)

14L O DREW PhD Assoc Prof Power and Mach 125N R FAUSEY MS Instr Soil and Water

 $125J \perp FOUSS MS$ Instr Soil and Water

125R D FOX PhD Asst Prof Fine Particle Phys and Turbul Diffus (PO Wooster)

13W E GILL MS Assoc Prof and Ext Agr Engin Farm Mach

12M Y HAMDY PhD Assoc Prof Computer Modeling and Syst Anal

12K A HARKNESS MS Instr Elec Power and Proc 125L L HARROLD CE Prof Soil and Water (PO Coshocton)

12J E HENRY MS Asst Prof Power and Mach (PC Wooster)

12F L HERUM PhD Prof Elec Power and Proc

12SG HUBER MS Prof Power and Mach

1C E JOHNSON PhD Prof Farm Shops

12H M KEENERMS Instr Structures and Environ (PO Wooster)

13R A MILLERMS Ass∞ Prof and Ext Agr Engin Family Housing

13B L NOLTE MS Instr and Ext Agr Engin Watershed Devlomt

13D A NORMAN MS Instrand Ext Agr Engin Bldgs

123M L PALMER MS Prof and Ext Agr Engin Water Mgt

125R C REEVE MS Prof Soil and Water
13W R SCHNUG MS Asst Prof and Ext Agr Engin Farmstead Mech

12G O SCHWAB PhD Prof Soil and Water

12T H SHORT PhD Asst Prof Veg Crop Mech (PO Wooster)

IWE STUCKEY MS Prof and Ldr Safety and Emergency Prepared Educ

Engineering (Agr)-Continued

12E P TAIGANIDES PhD Prof Soil and Water

13R J WALKER BAgE Instr Ext Agr Engin Elec Power and Proc

12R K WHITE PhD Asst Prof Animal Waste Mgt

Entomology (Academic Faculty of) (Col of Biol Sci) 7990

123D L GOLEMAN PhD Prof Agr Ent and Chmn of Dept (614-422-8209)

123R W RINGS PhD Prof Agr Ent and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

1245B D BARRY PhD Assoc Prof Agr Ent (PO Wooster) 123B D BLAIR PhD Assoc Prof Agr Ent

12J D BRIGGS PhD Prof Biol Cont

12W J COLLINS PhD Asst Prof Toxicol

12R H DAVISON PhD Prof Agr Ent

12F W FISK PhD Prof Ins Physiol

12R P HOLDSWORTH Jr PhD Prof Agr Ent

125J K KNOKF. PhD Adj Assoc Prof Agr Ent (PO Wooster)

12H R KRUEGER PhD Assoc Prof Toxicol (PO Wooster)

3W F LYON PhD Asst Prof Agr Ent

123R K LINDQUIST PhD Asst Prof Agr Ent (PO Wooster)

13R L MILLER PhD Ass∞ Prof Agr Ent

12GJ MUSICK PhD Asst Prof Agr Ent (PO Wooster)

12L R NAULT PhD Ass∞ Prof Agr Ent (PO Wooster)

12D G NIELSON PhD Asst Prof Agr Ent (PO Wooster)

12H D NIEMCZYK PhD Assoc Prof Agr Ent (PO Wooster)

12G F SHAMBAUGH PhD Prof Ins Physiol (PO Wooster)

123J P SLEESMAN PhD Prof Agr Ent (PO Wooster)

12G R STAIRS PhD Assoc Prof Biol Cont

13W A STEPHEN MSA Prof and Ext Spec Apic

125G W STILL BS Asst Prof Agr Ent (PO Wooster)

12V C THOMPSCN MS Res Assoc Apic

12R E TREECE PhD Prof Agr Ent (PO Wooster)

12C A TRIPLEHORN PhD Prof Taxon

123A CWALDRON PhD Assoc Prof Chem Cont

12C R WEAVER PhD Prof Biomet (PO Wooster)

GENETICS (COL OF BIOL SCI)

12W C ROTHENBUHLER PhD Prof Apic

ZOOLOGY (COL OF BIOL SCI)

12M L GILTZ PhD Prof Anim Ecol

12E E GOOD PhD Assoc Prof Wildlife Mgt

Home Economics, School of

8010

123LOIS A LUND PhD Prof and Dir of Sch Food and Nutr (614-422-8119)

12D LOIS GILMORF. PhD Prof and Assoc Dir Cloth (614-422-8118)

13 Mrs NAURINE RMcCORMICK MS Prof and Assoc Dir Home Econ Ext ILUCILE B ALEXANDER MS Assoc Prof and Asst Dir

Home Econ Educ 1Mrs MARY M ANDRIAN MA Asst Prof Home Econ Educ 1Mrs LENA M BAILEY PhD Asst Prof Home Econ Educ

1 LAURA A BAKER MS Instr Cloth 1Mrs ANN S BARDWELL PhD Asst Prof Mental Retard Trng Prog

1RUTH M BEARD MS Assoc Prof Household Equip 1GRACE R BECKWITH MS Asst Prof Home Econ Educ 1REBECCA S BLAUSER MS Instr Child Devlpmt

ICLARICE EBLOOM MS Ass∞ Prof Household Equip 1Mrs JULIA BOLEFATZ PhD Assoc Prof Home Econ Educ

12JEAN SBOWERS PhD Asst Prof Fam Econ IMARIAN R BUTLER MS Asst Prof Text

13BEATRICE J CLEVELAND MS Prof and Asst State Lar 4-H

1 MARION L CREMER MS Asst Prof Inst Mut 1JULIA I DALRYMPLE PhD Prof Home Econ Educ 12RUTH E DEACON PhD Prof Home Mgt Fam Econ 13NORMA DEYO MS Asst Prof and Ext Spec Cloth

12Mrs JEAN D DICKERSCHEID PhD Asst Prof Child Devlon:t 1MARIE M DIRKS PhD Prof Home Econ Educ IVIRGINIA M EVANS MS Instrand Asst State Ldr 4-H

1Mrs VELMA V EVERHART MS | Assoc Prof Housing

and Furn NJANET FENTRESS MS Instr Home Econ Educ

138

OHIO 8010-8035

Home Economics, School of-Continued

12Mrs DORIS E FULTON MS Asst Prof Home Mat 13EVELYN GRAY MS Asst Prof Ext Spec Food and Nutr 1MARY E GREEN PhD Prof Food and Nutr 1ANNA M GORMAN PhD Prof Home Econ Educ 13Mrs PAULINE G HALL MS Assoc Prof and Fxt Spec

13K G HAMDORF MS Instr Ext Spec Fam Life 13Mrs ORENA M HAYNES MS Prof and Ext Spec Cloth
13MARIAN E HERMANCE MS Assoc Prof and Ext Spec

Inst Mgt 14Mrs JOAN E HEFR MS Asst Prof Food and Nutr 1HELENE HEYE PhD Prof Child Devlpmt

12Mrs RACHEL I HUBBARD PhD Prof Ins Mgt

12Mrs FERN E HUNT PhD Assoc Prof Household Equip 1Mrs DOROTHY AJENSEN MS Instr Child Devlpmt

13VIVIAN L JOHNSTON MS Assoc Prof and Asst State Ldr Home Econ Ext

1JOANNA KISTERMS Instr Home Econ Educ

12MARY LAPITSKY PhD Prof Text

1Mrs CLAIRE J LEHR PhD Asst Prof Child Devlpmt 1FLORENCE L LLOYD MS Assoc Prof Home Mgt Fam Econ

12FRANCILLE MALOCH PhD Prof Home Mgt Fam Econ 1RUTH H MARSHALL MS Asst Prof Text and Cloth 13ANITA R McCORMICK PhD Assoc Prof and Asst State

Ldr Home Econ Ext 1ESTHER A MEACHAM PhD AssocProf Text and Cloth 1MARY M MILLICAN MS Assoc Prof Text and Cloth Nutr

IMARY C MITCHELL MS Instr and Ext Spec Food and

13GERALDINE I OLSON MS Instrand Ext Spec Fam Econ 12MAIJA PETERSONS MS Instr Nutr

13Mrs MARILYN M REED BS Instr and Asst Ext Ed Home Econ Radio Jour

1MILDRED J ROUSH MS Asst Prof Food and Nutr 13ALMA M SADDAM MS Instrand Ext Spec Food Nutr

13MABEL M SARBAUGH MS Assoc Prof and Assoc State Ldr Home Econ Ext

1RUTH M SARLE MS Instr Home Econ Educ 1Mrs JANE SICURO BS Instr Home Econ Educ 1ALMA F TAPSCOTT MA Assoc Prof Text

12Mrs CLARIBEL M TAYLOR PhD Assoc Prof and Fam Devlomt

12VIRGINIA M VIVIAN PhD Prof Nutr

134FANCHON F WARFIELD MA Assoc Prof and Ldr Ext Trng Home Econ

1LYNDA K WEANT MS Instr Child Devlpmt 14Mrs EVA D WILSON PhD Prof Nutr

Horticulture 8020

123H A ROLLINS Jr PhD Prof and Chmn of Dept (614-422-1809)

12E K ALBAN PhD Prof Veg Crops

13E S BANTA MS Assoc Prof Ext Pomol

12J M BEATTIE PhD Prof Pomol (PO Wooster)

12S Z BERRY PhD Assoc Prof Veg Crops

13W M BROOKS MS Assoc Prof Ext Veg Crops

123G A CAHOON PhD Prof Pomol (PO Wooster)

13J L CALDWELL MS Assoc Prof and Ext Flor

12D E CREAN PhD Asst Prof Hort Proc 12J F GALLANDER PhD Assoc Prof Hort Proc (PO

Wooster)

12J F GAUSS PhD Asst Prof Veg Crops (PO Wooster)

12J R GEISMAN PhD Prof Hort Proc

12W A GOULD PhD Prof Hort Proc

12F O HARTMAN PhD Prof Pomol

12R G HILL Jr PhD Prof Pomol (PO Wooster)
12MAKOTO KAWASE PhD Prof Ornam (PO Wooster)

12D C KIPLINGER PhD Prof Flor and Ornam

12P C KOZEL PhD Asst Prof Flor and Ornam

12D W KRETCHMAN PhD Prof Pomol Veg Crops (PO Wooster)

12T C McDOWELL PhD Asst Prof Flor and Ornam (PO Wooster)

13A C PENG PhD Asst Prof Hort Proc and Ext Spec Food Proc

12K W REISCH PhD Prof Flor and Ornam

Horticulture-Continued

13E M SMITH Jr PhD Assoc Prof Flor and Ornam and Ext Spec Landsc Hort

123H K TAYAMA PhD Prof Ext Flor

13.1 D UTZINGER MS Asst Prof Ext Hort

13E C WITTMEYER BS Prof Ext Veg Crops

Natural Resources, School of

8025

123R W TEATER PhD Prof and Actg Dir of School (614-422-1279)

17T A BOOKHOUT PhD Ass∞ ProfWildlife Mat

12C F CLARK MS Asst Prof Fisheries Mgt

123W F COWEN Jr MF Prof For

123G EGATHERUM PhD Prof For

12E E GOOD PhD Assoc Prof Wildlife Mgt

1C S JOHNSON PhD Prof Conserv

12W TMOMOT PhD Assoc Prof Fisheries Mgt

1W A PETTYJOHN PhD Assoc Prof Water Mgt 13J M PIERCE MS Instr Parks and Recreation

1R EROTH PhD Asst Prof Conserv

12HAROLD SCHICK MS Prof Parks and Recreation

123 T M STOCKDALE MS Ass∞c Prof Wildlife Mgt

17CP STONE MS Instr Wildlife Mgt 1CE TAFT PhD Prof Botany

1S H TAUB MS Instr Fishery Mgt 17R A TUBB PhD Ass∞ Prof Fishery Mgt

123R D TOUSE MS Prof For

Plant Pathology

8030

123I W DEEP PhD Prof Bact Dis and Chmn of Dept (614-422-1865)

123∟ E WILLIAMS PhD Prof Cereal Crops Dis and Ass∞ Chmn of Dept (PO Wooster) (216-264-1021)

12L J ALEXANDER PhD Prof Veg Dis Virol (PO Wooster)

12C C ALLISON PhD Prof Fungal Dis 12R H BOHNING PhD Prof Plant Physiol

120 E BRADFUTE PhD Ass∞ Prof Electron Micros (PO Wooster)

123C W ELLETT PhD Prof Fungal Dis 12J D F ARLEY PhD Asst Prof Veg Dis (PO Wooster)

12M O GARRAWAY PhD Asst Prof Dis Physiol

125R E GINGERY PhD Asst Prof Biochem (PO Wooster) 12D T GORDON PhD Assoc Prof Virol (PO Wooster)

12L J HERR PhD Ass∞ Prof Sugar Beet Dis (PO Wooster)

12H A J HOITINK PhD Asst Prof Bact and Woody Ornam Dis (PO Wooster)

123B F JANSON PhD Prof and Ext Plant Path Phytopath

12B M JONES PhD Asst Prof Fruit Dis (PO Wooster)
12P O LARSEN PhD Asst Prof Dis Physiol
12CURT LEBEN PhD Prof Antibiol and Bact (PO

Wooster)

125RAYMOND LOUIE Jr PhD Asst Prof Com Virus Dis (PO Wooster)

12R RMUSE PhD Asst Prof Turf Dis (PO Wooster)

123RE PARTYKA PhD Prof and Ext Plant Path Phytopath

16H L PORTERMS Adj Assoc Prof Dis Regulat 12R M REIDEL PhD Asst Prof Nematol

12A F SCHMITTHENNER PhD Prof Forage Crops Dis (PO Wooster)

12A W TROXEL PhD Assoc Prof Virol

12T C WEIDENSAUL PhD Asst Prof Air Pollution Problems (PO Wooster)

Poultry Science

8035

123EC NABER PhD Prof Nutr and Chmn of Dept (614-422-4821)

124S P TOUCHBURN PhD Prof Nutr and Assoc Chmn of Dept (PO Wooster) (216-264-1021)

1J B ALLRED PhD Assoc Prof Nutr

12W L BACON PhD Asst Prof Physiol (PO Wooster)
123R L BAKER PhD Prof and Ext Spec Econ

12E H BOHL PhD Prof Microbiol (PO Wooster)
12K I BROWN PhD Prof Physiol (PO Wooster)

12V DCHAMBERLIN BS Asst Prof Mgt (PO Wooster) 124P C CLAYTON PhD Prof Mktg

12W R HARVEY PhD Prof Genet

12R G JAAP PhD Prof Genet

12J D LATSHAW PhD Asst Prof Nutr

B035_8070 OHIO

Poultry Science-Continued

13EMIL MALINOVSKY MS Assoc Prof and Ext Spec Mgt 123G A MARSH DVM MS Prof and Ext Spec Path 12K E NESTOR PhD Asst Prof Genet (PO Wooster) 12Y M SAIF PhD Asst Prof Path (PO Wooster) 12J F STEPHENS PhD Assoc Prof Microbiol

Veterinary Medicine, College of **ADMINISTRATION**

20.40

1C R COLE DVM PhD Regents Prof and Dean of Col (614-422-1171)

ANATOMY

12W G VENZKE DVM PhD Prof and Chmn Dept and Asst Dean and Secy of Col (614-422-2091) IM Y ANDRES DVM PhD Assoc Prof

1P D deWET BVS PhD Assoc Prof 1C D DIESEM DVM PhD Prof

1MAUREEN S HUNTER DVM Instr 1G R JOHNSON DVM PhD Asst Prof

ÆDICINE

IVL THARP DVM Prof and Chmn Dept and Dir of Clinics (614-422-7159)

1A F ALLEN DVM Instr

1JE ANDREAS DVM Prof

IGWENDOLYN B CARSON PhD Asst Prof

1.J.C. DONHAM DVM Prof.

1E F DONOVAN DVM Prof

1H M GARDNER DVM Assoc Prof

1D B GISLER DVM Assoc Prof 1L E HEIDER DVM Asst Prof

1G F HOFFSIS DVM Instr

1SHARON L MARTIN DVM MS Asst Prof

1P W MURDICK DVM PhD Assoc Prof

IS P PAKES DVM Instr

1R S RAY DVM PhD Assoc Prof

1D L SMETZER DVM PhD Instr

1A ESTILSON DVM Asst Prof

1W K WEARLY DVM Prof

1R G WHITEUS DVM MS Prof

1A J WILSON DVM Asst Prof

1MILTON WYMAN DVM MS Asst Prof

PARASITOLOGY AND MICROBIOLOGY

1M W SCOTHORN DVM MS Asst Prof and Actg Chmn Dept (614-422-2091)

1H F GROVES DVM MS Prof

1G E MILO Jr PhD Asst Prof

1LOUIS WEHRLE Jr PhD Asst Prof

PATHOLOGY

1R A GRIESEMER DVM PhD Prof and Chmn Dept (614-422-5661)

1S P BISHOP DVM PhD Asst Prof

1C CCAPEN DVM PhD Assoc Prof

1R L FARRELL DVM PhD Prof

1ADALBERT KOESTNER DVM PhD Prof

1J F LONG DVM PhD Asst Prof 13G A MARSH DVM MS Prof

1G E McKISSICK DVM PhD Assoc Prof

IRICHARD OLSEN DVM PhD Asst Prof 1J A SHADDUCK DVM PhD Asst Prof

1D S SKELLEY DVM PhD Asst Prof 1D S YOHN PhD Prof

PHYSIOLOGY AND PHARMACOLOGY

IT E POWERS DVM PhD Prof and Acta Chmn Dept (614-422-1391)

1L EDAVIS DVM PhD Prof

1ROBERT HAMLIN DVM PhD Prof

IC R SMITH DVM PhD Prof

1R A WRIGHT DVM Instr

13R A YEARY DVM Assoc Prof

PREVENTIVE MEDICINE

12J H HELWIG DVM MS Prof and Chmn Dept and Dir Cont Educ (614-422-1206)

1R C ADAMS DVM Lect

12E H BOHL DVM PhD Prof (PO Wooster)

Veterinary Medicine, College of-Continued

1REX BULLER DVM Instr

IV L DAHL DVM Asst Prof

16H E GOLDSTEIN DVM Lect

1D O JONES DVM MPH Prof 1C E ROBINSON DVM Asst Prof.

12W J TYZNIK PhD Prof

1T A WITTICH DVM Lect

SURGERY AND RADIOLOGY

1R L RUDY DVM MS Prof and Chmn Dept and Assoc Dir of Clinics (614-422-7105)

1J K BURT DVM MS Asst Prof

1A A GABEL DVM MS Assoc Prof

1RBHOHN DVM PhD Ass∞c Prof

1L E JOHNSON DVM MS Prof

1G P WILSON DVM MS Assoc Prof

Center for Research and Leadership Development in Vocational and Technical Education, 1900 Kenny Road, 2050 Columbus 43210

1R E TAYLOR PhD Prof Agr Educ and Dir (614-486-3655)

1K F. GRAY MEd Asst Dir Vocat Educ (614-486-3655)

1DRFARMERBA Bus Mgr

1J P ARNOLD EdD Spec Educ Tech Educ

1L A BERKEBILE MS Spec Inform 1S D BORCHER PhD Spec Vocat Educ

1W K BROOKS BS Ed Vocat Educ

IR L BUTLER MA Spec Inform Retrieval Div

1R E CAMPBELL PhD Spec Psychol

IC J COTRELL PhD Spec Educ Trade and Indus Educ

1R D DAUGHERTY PhD Spec Vocat Educ

1UFWERNSTPhD SpecEcon

1E T FERGUSON Jr PhD Spec Educ

1ANNA M GORMAN EdD Spec Home Econ Educ

1W L HULL EdD Spec Agr Educ

1J H MAGISOS PhD Spec Agr Educ

1J D McCRACKEN PhD Spec Vocat Educ

1A J MILLER EdD Coord Educ

1E J MORRISON PhD Spec Educ

1F C PRATZNER MA Spec Indus Tech

1KATHLEEN ROLFE MA Libr

1W E SCHROEDER PhD Spec Vocat Educ

1HAROLD STARR PhD Spec Psychol

1Mrs MARY T URY MBA Spec Inform Retrieval Div

1LOUISE B VETTER PhD Spec

1D L WARD PhD Spec Vocat Educ

1R C YOUNG PhD Spec Econ

Ohio Agricultural Research and Development Center, Wooster 44691

1College Staff 2Research Center Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 70hio Dept Mental Hygiene and Correction 9A-TR, M-S Program

1239R M KOTTMAN PhD Dir (PO Columbus) (614-422-6891)
12J M BEATTIE PhD Assoc Dir (216-264-1021)

12R R DAVIS PhD Asst Dir (216-264-1021)
2T L JONES PhD Asst Dir Fiscal Affairs (216-264-1021)

12R W TEATER PhD Asst Dir (PO Columbus) (614-422-

2R E YODER PhD Asst Dir (216-264-1021)

12H D BAUMAN PhD Fiscal Liaison Off (PO Columbus) (614-422-6891)

123R E GEYER MS Admin Asst (PO Columbus) (614-422-6891)

2T F WONDERLING BS Coord of Res Oper and Phys Plant (216-264-1021)

Agronomy 123G W VOLK PhD Prof and Chmn of Dept (PO Columbus)

(614-422-2002)

123B L SCHMIDT PhD Prof Soil and Water Conserv and Assoc Chmn of Dept (216-264-1021)

8070-8110 OHIO

Agronomy-Continued

12D A RAY PhD Prof Plant Genet Oats and Barley and Asst Chmn of Dept (PO Columbus) (614-422-2002)

12T G ARSCOTT PLD Prof Trop Soils (PO Columbus)

12K L BADER PhD Prof Turf (PO Columbus)
12A L BARTA PhD Asst Prof Forage Crops

12L D BAVER PhD Prof Soil Phys (PO Columbus)

12R O BECKER MS Consult Seed Impr (PO Columbus)

12L E BENDIXEN PhD Prof Plant Physiol Weeds (PO Columbus)

125R B CLARK PhD Prof Plant Physiol Corn

125R L CLEMENTS PhD Prof Cereal Chem

12R R DAVIS PhD Prof Turf

12E J DOLLINGER PhD Prof Plant Genet Corn

2D H DONELSON MS Instr Cereal Chem

25J R DONELSON BS Instr Cereal Chem

25W M EDWARDS PhD Asst Prof Soil Phys (PO Coshocton)

12K R EVERETT PhD Assoc Prof Polar Soils (PO Columbus)

125W R FINDLEY Jr PhD Prof Plant Genet Com

12R E FRANKLIN PhD Prof Soil Chem (PO Columbus)

12D T FRIDAY MS Prof and Gen Mgr Farm Sci Rev (PO Columbus)

123G R GIST PhD Prof and Ext Forage Crops (PO Columbus)

12FAZ HAGHIRI PhD Prof Soil Chem Radio Ecol

12G F HALL PhD Assoc Prof Pedol (PO Columbus)

12P R HENDERLONG PhD Assoc Pref Plant Physiol and Ecol (PO Columbus)

12D E HERR PhD Assoc Prof Crop Prod and Weed Control (PO Columbus)

12F L HIMES PhD Prof Soil Fert (PO Columbus)

12D J HOFF PhD Prof Soil Fert (PC Columbus)

12 NICHOL AS HOLOWAYCHUK PhD Prof Pedol LPO Columbus)

123L D JACKSON PhD Asst Prof and Ext Soil Fert (PO Columbus)

12D L JEFFERS PhD Asst Prof Plant Physiol Soybeans

25L T KISSELL BA Instr Cereal Chem

12H N LAFEVER PhD Assoc Prof Plant Genet Wheat

12E O McLEAN PhD Prof Soil Phys Chem (PO Columbus)

12H J MEDERSKI PhD Prof Plant Physiol

26M E MILLER MS Climatol (PO Columbus)

12R H MILLER PhD Prof Soil Bact (PO Columbus)
123R W MILLER PhD Prof Turf (PO Columbus)

23D K MYERS MS Instrand Ext Forage Crops (PO Columbus)

12M H NIEHAUS PhD Prof Plant Genet Grasses

12J L PARSONS PhD Prof Forage Crops and For Agr US/AID (PO Columbus)

123G J RYDER PhD Prof and Ext Crop Impr and Prod (PO Columbus)

123W H SCHMIDT PhD Assoc Prof and Ext Crop Prod (PO Fremont)

12P E SMITH PhD Prof Plant Genet Soybeans (PO

12C R STAHNKE PhD Asst Prof Pedol (PO Columbus)
12J G STREETER PhD Asst Prof Plant Physiol Soybeans

123E W STROUBE PhD Prof and ExtWeed Control (PO Columbus)

12PAUL SUTTON PhD Prof Soil Chem Strip Mine Reclam (PO Caldwell)

12G S TAYLOR PhD Prof Soil Phys (PO Columbus)

Prof Soil Fert (PO Columbus) 12R W TEATER PhD

Asst Prof Soil Fert 123J F TRIERWEILER PhD

12G B TRIPLETT Jr PhD Prof Crop Prod 12D M VAN DOREN Jr PhD Prof Soil Phys

12R W VAN KEUREN PhD Prof Pastures

12J P VIMMERSTEDT DE Assoc Prof For Soils

123AC WALDRON PhD Assoc Prof and Ext Pest Control (PC Columbus)

23M H WARNER BS Instr So:1 Fert

123J D WELLS MS Asst Prof Tob and Ext Soil Fert (PO Ripley)

12L P WILDING PhD Prof Soil Min (PO Columbus)

12J H WILSON BS Instr Soil Anal

125W T YAMAZAKI PhD Prof Cereal Chem

12R E YODER PhD Prof Soil Fert

Animai Science

8080

123G R JOHNSON PhD Prof Sheep and Chmn of Dept (PO Columbus) (614-422-6401)

12E W KLOSTERMAN PhD Prof Beef and Assoc Chmn of Dept (216-264-1021)

2R R BISHOP MS Instr Anim Sci

12C B BOYLES MS Instr Anim Sci (PO Caldwell)

12V R CAHILL PhD Prof Meat Sci (PO Columbus)

2RK CHRISTENSON PhD Asst Prof Reprod Physiol

12J H CLINE PhD Prof Nutr (PO Columbus)

12B A DEHORITY PhD Prof Nutr

12A P GRIFO MS Asst Prof Nutr

12W R HARVEY PhD Prof Genet (PO Columbus)
123C A HUTTON PhD Asst Prof Horse Ext Spec (PO Columbus)

123G A ISLER PhD Asst Prof Swine (PC Columbus)

12J K JUDY PhD Assoc Prof Sheep (PO Columbus)

12R M KOTTMAN PhD Prof Genet (PO Columbus)

12L E KUNKLE MS Prof Meat Sci (PO Columbus)
12T M LUDWICK PhD Prof Reprod Physiol (PO Columbus)

12D C MAHAN PhD Asst Prof Nutr (PO Columbus)

123C M MARTIN PhD Prof and Area Ext Agt Anim Indus

12K E McCLURE MS Asst Prof Nutr 124A L MOXON PhD Prof Nutr

123H W NEWLAND PhD Prof and Ext Agt Anim Indus (PO Fremont)

12H W OCKERMAN PhD Assoc Prof Meat Sci (PO Columbus)

12C F PARKER PhD Assoc Prof Genet

12R F PLIMPTON PhD Assoc Prof Meat Sci (PO Columbus)

12E L POTTER PhD Asst Prof Nutr 12R L PRESTON PhD Prof Nutr

123R R REED PhD Prof Beef (PO Columbus)

12L A SWIGER PhD Prof Genet (PO Columbus)
12H S TEAGUE PhD Prof Reprod Physiol

12W J TYZNIK PhD Prof Nutr (PO Columbus)

123B D VAN STAVERN PhD Prof Meat Sci Ext Spec (PO Columbus)

12G R WILSON PhD Assoc Prof Beef (PO Columbus)

12R F WILSON PhD Prof Swine (PO Columbus)

Dairy Science

8110

123N L VAN DEMARK PhD Prof Physiol Reprod and Chmn of Dept (PO Columbus) (614-422-6851)

124L O GILMORE PhD Prof Anim Genet Dairy Cattle and Assoc Chmn of Dept (216-264-1021)

12F R ALLAIRE PhD Asst Prof Anim Genet (PO Columbus)

123H L BARR PhD Assoc Prof Physiol Reprod Anim Genet (PO Columbus)

12W H BRAKEL PhD Prof Anim Genet Anim Husb (PO Columbus)

125E W BRUM PhD Asst Prof Anim Genet (PO Columbus) 12H R CONRAD PhD Prof Anim Nutr

124N S FECHHEIMER PhD Prof Cytogenet (PO Columbus)

127G F FULLER BS Instr Collab (PO Columbus) 12W R GOMES PhD Assoc Prof Physiol Reprod Steroids (PO Columbus)

12W R HARVEY PhD Prof Anim Genet Pop Statis (PO Columbus)

124J W HIBBS PhD Prof Anim Nutr

12H C HINES PhD Assoc Prof Immunochem Genet (PO Columbus)

12H E KAESER MS Assoc Prof Anim Husb Anim Nutr (PO Columbus)

125T M LUDWICK PhD Prof Physiol Reprod Anim Genet (PO Columbus)

12V A NEUHARDT BS Instr Anim Husb Dairy Cattle

12D L PALMOUIST PhD Asst Prof Ruminant Nutr

123R M PORTER PhD Prof Anim Husb Immunol (PO Columbus)

23DONALD PRITCHARD PhD Asst Prof Physiol Reprod 125E R RADER MS Instr Anim Genet (PO Columbus) 12F L SCHANBACHER PhD Asst Prof Mlk Sec Biochem

12K L SMITH PhD Asst Prof Mlk Sec

(PO Columbus)

123J R STAUBUS PhD Prof Anim Nutr (PO Columbus)

123W R TAYLOR MS Assoc Prof Dairy Records Anim Gene' (PO Columbus)

Dairy Technology

8120

- 123I A GOULD PhD Prof and Chmn of Dept (PO Columbus) (614-422-6281)
- 12J L BLAISDELL PhD Assoc Prot Dairy Engin (PO Columbus)
- 12P M T HANSEN PhD Assoc Prof Dairy Chem (PO Columbus)
- 12W J HARPER PhD Prof Dairy Chem (PO Columbus) 123THORVALD KRISTOFFERSEN PhD Prof Dairy Microbiol and Ext Spec (PO Columbus)
- 12E M MIKOLAJCIK PhD Assoc Prof Dairy Microbiol (PO Columbus)
- 1234W L SLATTER PhD Prof Dairy Microbiol and Ext Spec (PO Columbus)
 - 12D G VAKALERIS PhD Assoc Prof Dairy Chem (PO Columbus)

Economics (Agr) and Sociology (Rural)

8130

- 123D H BOYNE PhD Prof and Chmn of Dept (PO Columbus) (614-422-7911)
- 12F B McCORMICK PhD Prof Agr Policy and Gen Agr Econ and Assoc Chmn of Dept (PO Columbus) (614-422-7911)
- 12G H PHILLIPS PhD Prof Rural Sociol and Assoc Chmn of Dept (PO Columbus) (614-422-7911)
- 12D W ADAMS PhD Assoc Prof Foreign Agr Devlpmt (PO Columbus)
- 12R A BAILEY PhD Prof Agr Finance (PO Columbus)
 12R H BAKER PhD Prof Farm Mgt and Land Appraisal (PO Columbus)
- 123R L BAKER PhD Prof Poultry Mktg (PO Columbus)
- 123WALLACE BARR PhD Prof Econ Public Affairs and Outlook (PO Columbus)
- 12H D BAUMAN PhD Asst Prof Internatl Affairs (PO Columbus)
- 12E F BAUMER PhD Prof Dairy Mktg (PO Columbus)
- 2R E BENDER PhD Prof Agr Educ (PO Columbus)
- 12J S BOTTUM PhD Prof Resource Devlpmt (PO Columbus)
- 123M E CRAVENS PhD Prof Fruit and Veg Mktg (PO Columbus)
- 12B L ERVEN PhD Asst Prof Farm Mgt (PO Columbus)
- 12T F GLOVER PhD Asst Prof Resource Econ (PO Columbus)
- 123H H HADLEY PhD Prof Mktg Policy and Livestock Mktg (PO Columbus)
- 12D E HAHN PhD Asst Prof Agr Mktg (PO Columbus)
 123G C HIMES PhD Assoc Prof Gen Agr Econ and Farm
- Mgt (PO Columbus)
- 12L J HUSHAK PhD Asst Prof Resource Econ (PO Columbus)
- 123C H INGRAHAM PhD Assoc Prof Agr Bus Mgt (PO Columbus)
- 123R E JACOBSON PhD Prof Dairy Mktg (PO Columbus)
- 12T L JONES PhD Prof Agr Finance
- 12W F LEE PhD Asst Prof Agr Finance (PO Columbus)
- 2W L LI PhD Asst Prof Popul and Community Studies (PO Columbus)
- 123B W MARION PhD Assoc Prof Food Distrib (PO Columbus)
- 123J B MITCHELL PhD Prof Rural Sociol (PO Columbus)
 123J E MOORE PhD Assoc Prof Farm Mgt (PO Columbus)
- 2J M PIERCE MS Instr Rural Recr Devlpmt (PO Columbus)
- 12NORMAN RASK PhD Assoc Prof Farm Mgt (PO Columbus)
- 123J W SHARP PhD Prof Grain Mktg and Farm Supply (PO Columbus)
- 12E T SHAUDYS PhD Prof Farm Mgt (PO Columbus)
- 12R W SHERMAN PhD Prof Agr Mktg (PO Columbus)
- 12J H SITTERLEY PhD Prof Farm Mgt and Land Econ (PO Columbus)
- 12M G SMITh PhD Prof Agr Policy and Foreign Agr Devlpmt (PO Columbus)
- 12H L STEELE PhD Assoc Prof Agr Mktg (PO Columbus)
 12T T STOUT PhD Prof Agr Mktg (PO Columbus)
- 123P R THOMAS PhD Assoc Prof Agr Policy (PO Columbus)
- 123R E TONGATE PhD Asst Prof Farm Mgt (PO Columbus)
- 125D C TUCKER BS Instr Agr Statis (PO Columbus)

Economics (Agr) and Sociology (Rural)—Continued

12F E WALKER PhD Prof Quant Methods (PO Columbus) 12 W A WAYT PhD Prof Land Econ (PO Columbus) 12H C WILLIAMS PhD Prot Agr Policy and Foreign Trade (PO Columbus)

Electron Microscope Laboratory

8140

120 E BRADFUTE PhD Ass∞ Prof and Micros 2R E WHITMOYER MS Instr

Engineering (Agr)

8150

- 123G L NELSON PhD Prof Struct, Environ Proc, and Chmn of Dept (PO Columbus) (614-422-6131)
- 12W L ROLLER PhD Prof Struct and Environ and Assoc Chmn of Dept (216-264-1021)
- 12H J BARRE PhD Prof Struct and Environ (PO Columbus)
- 12 J L BLAISDELL PhD Ass∞ Prof Food Engin (PO Columbus)
- 124B L BONDURANT MS Prof Soil and Water (PO Columbus)
- 125R D BRAZEE PhD Prof Fine Particle Phys and Turb Diffus
- 123D M BYG MS Prof Power and Mach and Ext Agr Engin (PO Columbus)
- 12R E CURRY PhD Prof Soil and Water
- 125N R FAUSEY MS Instr Soil and Water (PO Columbus)
- 125J L FOUSS MS Instr Soil and Water (PO Columbus)
 125R D FOX PhD Asst Prof Fine Particle Phys and Turk Diffus
- 12M Y HAMDY PhD Ass∞ Prof Computer Modeling and Syst Anal (PO Cloumbus)
- 12K A HARKNESS MS Instr Elec Power and Proc (PO Columbus)
- 125L L HARROLD CE Prof Soil and Water (PO Coshocton)
- 12J E HENRY MS Asst Prof Power and Mach
- 12F L HERUM PhD Prof Elec Power and Proc (PO Columbus)
- 12S G HUBER MS Prof Power and Mach (PO Columbus)
- 12H M KEENER MS Instr Struct and Environ
- 123M L PALMERMS Prof Soil and Water and Ext Agr Engin (PO Columbus)
- 125RC REEVE MS Prof Soil and Water (PO Columbus)
- 12G O SCHWAB PhD Prof Soil and Water (PO Columbus)
- 12T H SHORT PhD Asst Prof Veg Crop Mech
- 12E P TAIGANIDES PhD Prof Soil and Water (PO Columbus)
- 12R K WHITE PhD Asst Prof Anim Waste Mgt (PO Columbus)

Entomology

81.55

- 123D L GOLEMAN PhD Prof Agr Ent and Chmn of Dept (PO Columbus) (614-422-8209)
- 123R W RINGS PhD Prof Agr Ent and Assoc Chmn of Dept (216-254-1021)
- 1245B D BARRY PhD Assoc Prof Agr Ent
- 123B D BLAIR PhD Assoc Prof Agr Ent (PO Columbus)
 12J D BRIGGS PhD Prof Biol Cont (PO Columbus) 123B D BLAIR PhD
- 12W J COLLINS PhD Asst Prof Toxicol (PO Columbus)
- 12R H DAVIDSON PhD Prof Agr Ent (PO Columbus)
- 12F W FISK PhD Prof Ins Physiol (PO Columbus)
- 12M L GILTZ PhD Prof Anim Ecol (PO Columbus)
- 12R P HOLDSWORTH Jr PhD Prof Agr Ent (PO Columbus) 125J K KNOKE PhD Adj Assoc Prof Agr Ent
- 12H R KRUEGER PhD Assoc Prof Ins Toxicol
- 123R K LINDQUIST PhD Asst Prof Agr Ent
- 12G J MUSICK PhD Asst Prof Agr Ent
- 12L R NAULT PhD Assoc Prof Agr Ent
- 12D G NIELSON PhD Asst Prof Agr Ent 12H D NIEMCZYK PhD Assoc Prof Agr Ent
- 23W K ROACH BS Instr Agr Fint
- 12W C ROTHENBUHLER PhD Prof Apic (PO Columbus)
- 12G F SHAMBAUGH PhD Prof Ins Physiol
- 123J P SLEESMAN PhD Prof Agr Ent
- 12G R STAIRS PhD Assoc Prof Biol Cont (PO Columbus)
- 125G W STILL BS Asst Prof Agr Ent 12V C THOMPSON MS Instr Apic (PO Columbus) 12R E TREECE PhD Prof Agr Ent
- 12C A TRIPLEHORN PhD Prof Taxon (PO Columbus)

8155-8225 OHIO

Entomology-Continued

123A C WALDRON PhD Ass∞ Prof Chem Cont (PO Columbus)

12C R WEAVER PhD Prof Biomet

24R N WILLIAMS PhD Asst Prof Agr Ent

Environmental Studies Laboratory

12T C WEIDENSAUL PhD Asst Prof and Head of Lab (216-264-1021)

Fisheries, Wildlife, and Outdoor Recreation

12C F CLARK MS Asst Prof Ichthyol (PC Columbus)

81.58

123 J M PIERCE MS Instr (PO Columbus)

123T M STOCKDALE MS Assoc Prof Ext Wildlife Spec Verteb Zool (PO Columbus)

Forestry

123G E GATHERUM PhD Prof Physiol and Chmn of Dept (PO Columbus) (614-422-2816)

12A R VCGT PhD Assoc Prof Physiol and Assoc Chmn of Dept (216-264-1021)

123W F COWEN MF Prof For Mgt and Silvic (PO Columbus)

12H B KRIEBEL PhD Prof Genet

12M M LARSON PhD Prof Physiol

12B A THIELGES PhD Asst Prof Genet

123R D TOUSE MS Prof For Indus and Util (PO Columbus)

12J P VIMMERSTEDT DF Assoc Prof Soil Chem 12F W WHITMORE PhD Assoc Prof Wood Biol

Home Economics

123LOIS A LUND PhD Prof Food and Nutr and Chmn of Dept (PO Columbus) (614-422-8119)

12Mrs FERN E HUNT PhD Assoc Prof Household Equip and Asst to Chmn (PO Columbus)

12 JEAN S BOWERS PhD Asst Prof Fam Econ (PO Columbus)

12RUTH E DEACON PhD Prof Home Mgt Fam Econ (PO Columbus)

12Mrs JEAN D DICKERSCHEID PhD Asst Prof Child Devlpmt (PO Columbus)

12Mrs DORIS E FULTON MS Asst Prof Home Mgt (PO Columbus)

12D LOIS GILMORE PhD Prof Text and Cloth (PO Columbus)

12Mrs RACHEL I HUBBARD PhD Prof Inst Mat (PO Columbus)

12MARY LAPITSKY PhD Prof Text (PC Columbus) 12FRANCILLE MALOCH PhD Prof Home Mgt Fam Econ (PO Columbus)

12ESTHER A MEACHAM PhD Assoc Prof Text and Cloth (PC Columbus)

12MAIJA PETERSONS MS Instr Nutr (PC Columbus) 12Mrs CLARIBEL M TAYLOR PhD Assoc Prof Form Devlpmt (PO Columbus)

12VIRGINIA M VIVIAN PhD Prof Nutr (PO Columbus)

Hofficulture 8180

123H A ROLLINS Jr PhD Prof and Chmn of Dept (PO Columbus) (614-422-1809)

12E K ALBAN PhD Prof Veg Crops (PO Columbus)
12J M BEATTIE PhD Prof Pomol

12S Z BERRY PhD Assoc Prof Veg Crops (PO Columbus)

2W L BAUERLE Jr PhD Asst Prof Veg Crops

123G A CAHCON PhD Prof Pomol
12D E CREAN PhD Asst Prof Proc (PC Columbus)

12JF GALLANDER PhD Assoc Prof Proc

12J F GAUSS PhD Asst Prof Veg Crops

12 R GEISMAN PhD Prof Proc (PO Columbus)
12W A GOULD PhD Prof Proc (PO Columbus)

12F O HARTMAN PhD Prof Pomol (PO Columbus)

12R G HILL Jr PhD Prof Pomol

12MAKOTO KAWASE PhD Prof Ornam

12D C KIPLINGER PhD Prof Flor (PO Columbus)

12P C KOZEL PhD Asst Prof Ornam (PO Columbus)

12D W KRETCHMAN PhD Prof Pomol and Veg Crops

12T C McDOWELL PhD Asst Prof Flor

25W A OITTO BS Asst Prof Fruit Brdg

12K W REISCH PhD Prof Omam (PO Columbus)

123H K TAYAMA PhD Prof Flor (PO Columbus)

8190 Library 2Mrs HELEN H ENLOW BE Instrand Libr

8200 Plant Pathology

123I W DEEP PhD Prof Bact Dis and Chmn of Dept (PO Columbus) (614-422-1865)

123L F. WILLIAMS PhD Prof Cereal Crop Dis and Assoc Chmn of Dept (216-264-1021)

12L J ALEXANDER PhD Prof Veg Dis Virol

120 C ALLISON PhD Prof Fungal Dis (PO Columbus)

12R H BOHNING PhD Prof Plant Physiol (FO Columbus)
12C E BRATFUTH PhD Assoc Prof and Micros

123C W ELLETT PhD Prof Fungal Dis (PO Columbus)

12J D FABLEY PhD Asst Prof Veg Dis 12M C GARFAWAY PhD Asst Prof Pathogen and Dis Physiol (PC Columbus)

125h F. GINGERY PhD Asst Prof Biochem.

12D T GORDON PhD Asst Prof Virol

12L J HERR PhD Assoc Prof Sugar Beet Dis

12H A J HOITINK PhD Asst Prof Bact and Woody Ornom Dis

123B F JANSON PhD Prof and Ext Plant Path Phytopath (PO Columbus)

12B M JONES PhD Asst Prof Fruit Dis 12P C LATSEN PhD Asst Prof Pathogen and Dis Physiol (PC Columbus)

12CURT LEBEN PhD Prof Antibiosis and Bact

125RAYMOND LOUIE Jr PhD Asst Prof Virol
12R B MUSL PhL Asst Prof Fis Turfarasses
123B E PARTYKA PhL Prof and Ext Plant Path Phytopath (FC Columbus)

12RM REIDEL PhD Asst Prof Nematol (PO Columbus)

12A F SCHMITTHENNER PhD Prof Forage Crop Dis

12A W TROXEL PhD Assoc Prof Virol (PO Columbus)

12T C WEIDENSAUL PhD Asst Prof Air Pollut Probs

Poultry Science 8210

123E C NABER PhD Prof Nutr and Chain of Dept (PO Columbus) (614-422-4821)

124S P TOUCHBURN PnD Prof Nutr and Ass∞ Chmn of Dept (216-264-1021)

12W L BACON PhD Asst Prof Physiol 123H I BAKER PhI Frot Econ (PO Columbus)

128 H BOHL Find Frot Ricrobiol
126 H BOHL Find Prot Microbiol
126 I BHOWN, PhD Prof Physiol
127 C CHAMBERLIN BG Asst Prof Mat
124P C CHAYTON PhD Prot Mktq (PO Columbus)
124 F HARVEY PhD Prof Genet (PO Columbus)

12R G JAAP PhD Prof Genet (PO Columbus)

12J D LATSHAW PhD Asst Prof Nutr (PC Columbus)
123G A MARCH LVM MS Prof Path (PC Columbus)

12K E NESTOR PhD Assoc Prof Genet 2F A PENMER BS Instr Mat

12Y M SAIF PhD Asut Prof Path

12) FOURTHENS Phs. Assoc Prof Microbiol (PO Colum.bu.)

2MAPGERY A TOPSCHER MS Inst Physical

Public Information 8215

123 A F. SHCWMAN MA Prof and Agr Ed (PO Columbus) 2E H ROCHE BA Assoc Prof and Assoc Ed

2K H REMY BS Asst Prof and Asst Ed

Statistics 8220

12C R WEAVER PhD Prof and Statis Biomet

Veterinary Science 8225 12L C FERGUSON DVM PhD Prof Micropiol and Chmn of

Dept (216-264-1021)

12E H BCHL I VM PhD Prof Virol

2R F CROSS DVM PhD Prof Path

2NORMA A FRANK MS Asst Prof Bact

12J H EELWIG DVM MS Prof Preventive Med (PO Columbus)

2J F. JONES TVM Instr Path

12E M KCHLER DVM FED Assoc Prof Microbiol

2L W McCLOSKEY MS Asst Prof Immunol

2P D MOORHEAD DVM PhD Asst Prof Path

2 R REDMAN COM MS Instr Preventive Med

8240

Veterinary Science-Continued

2Y M SAIF DVM PhD Asst Prof Microbiol 2C K SMITH DVM PhD Assoc Prof Immunol 2K L SMITH PhD Asst Prof Mlk Sec 12W G VENZKE DVM PhD Prof Anat (PO Columbus)

12R L EBY MS Instrand Supt of Outlying Branches (PO Wooster 44691) (216-264-1021)

Eastern Omo Resource Development Center (PO Caldwell

20 B BOYLES MS Instr Mgr

Mahoning County Farm (PO Canfield 44406)

2C A MORRISON Mgr

Muck Crops Br (PO Willard 44890)

2E H POSTEMA Mgr

North Central Br (PO Vickery 43464) 2C C WILLER BS Instr Mgr

Northwestern Br (PO Custar 43511)

2J H TROTTER BS Instr Mgr

Overlook Farm (PO Carroll 43112)

2R J QUAINTANCE BS Instr Mgr

Southeastern Br (PO Albany 45710)

2K H WISE BS Mgr

Southern Br (PO Ripley 45167)

23j D WELLS MS Asst Prof and Ext Spec Mar

Western Er (PO South Charleston 45368)

2J H FOSTER MS Instr Mgr

OKLAHOMA

Oklahoma State University of Agriculture and Applied Science, the Agricultural Experiment Station, and the Cooperative Extension Service Stillwater 74074 (Main tel 405-372-62111

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence SCoop USDA

6Public Health Service

9A-TR, M-S Program

123R B KAMM PhD Pres of Univ (405-372-6211 Ext 201)
1J H BOGGS PhD Vice Pres for Acad Affairs
2L EHAWKINS PhD Dir of Sta (Emer)

1239 J A WHATLEY PhD Dean and Dir of Sta (405-372-6211 Ext 266)

IR J JONES PhD Dean of Resident Instr (405-372-6211 Ext 266)

2J C MURRAY PhD Assoc Dir of Sta (405-372-6211 Ext 269)

12G R WALLER PhD Prof and Asst Dir of OAES

12W E BROCK PhD Prof and Dean of Vet Med

1FRED LECRONE MS Dir of Stud Pers in Agr 1R D McGLAMERY BS Comptroller

12J A PATTILLO BS Asst to Dean and Dir

Lgronomy 8260

123R S MATLOCK PhD Prof and Head of Dept (405-372-6211 Ext 278)

12R E ADCOCK MS Instr 25R M AHRING MS Asst Prof Forage Crops

23R C ARNOLD BS Assoc Agron Seed Stocks

3J M BAKER Jr PhD Ext Soil Spec

23D J BANKS PhD Assoc Prof Peanuts
3W E BAUMANN MS Ext Agron
2O H BRENSING MS Asst Prof Soils
12J S BROOKS PhD Prof Sorghum Genet

12L I CROY PhD Asst Prof Physiol

12J M DAVIDSON PhD Assoc Prof Soil Phys

12F F DAVIES MS Assoc Prof Sorghum 12C E DENMAN MS Asst Prof Field Crops

12L H EDWARDS PhD Asst Prof Small Grains

25H M ELWELL BS Instr Brush Control 23E L GRANSTAFF MS Secy Crop Impr

23J E GRAVES Assoc Secy Crop Impr

12FENTON GRAY PhD Prof Soil Morphol

Agronomy-Continued

3H A GREER PhD Weed Control Spec

12WAYNE HUFFINE PhD Prof Turf

12J S KIRBY PhD Asst Prof Peanut Brdg

3F E LeGRAND PhD Ext Crop Spec

12J C LYND PhD Prof Soil Microbiol 12W E McMURPHY PhD Assoc Prof Soil Fert 12L G MORRILL PhD Assoc Prof Soil Fert

2H R MYERS MS Farm Supt 2R M CSWALT MS Asst Prof Spec Crops

2HARTWILL PASS MS Asst Prof Small Grains 12JUDT POWELL PhD Asst Prof Range Mgt

12L W REED PhD Prof Scil Cher.

12R M REED PhD Prof Soil Fert

2W L RICHARDSON MS Asst Prof Forage Crops

31. M = AMMANN. PhI — Facture and Banae 12D A SANDER PhD — Assoc Prof Field Crops

12P W SANTELMANN PnD Prof Weed Sci

25E E SEBFOTA PhD Assoc Prof Cytogenet Small Grains

12F S SMITH PhD Assoc Prof Wheat Brda 12J F STONE: PhD Assoc Prof Soil Phys

12J F STRIFCKE PhD Asst Prof Brush Control

12C M TALIAFERRO PnD Asct Prof Forage Crops
3L I TRIPF PnF As. on Ext Agron

123B B TUCKER PhD Prof Soils and Ext Agron

1L M VERHALEN PhD Asst Prof Cotton Brdg

12B B WEBB PhD Asst Prof Sta Supt

12D E WEIBEL PhD Prot Sorahum Brda

Animal Sciences and Industry

8270

8280

123J C HILLIER PhD Prof and Head of Dept (405-372-6211 Ext 7201)

12G D A! AMS BS Instr

12R A BATTAGLIA PhD Asst Prof Physiol

3C H BURTON EdD Ext Dairy

12L J BUSH PhD Assoc Prof Dairy

12R R FRAHM PnD - Asst Pmf Anim Brag

12J C GILBREATH Jr PhD Assoc Prof Poultry

3D R GILL PhD Ext Livestock Nutr

12J J GUENTHER PhD Assoc Prof Meats

25D R HAMMONS BS Asst Prof Meats

12R L HENRICKSON PhD Prof Meats

30 E HOEHNE PhD State Livestock & ec

124P E JOHNSON MS Asst Prof Dairy 12R R JOHNSON PhD Prof Nutr

3W G LUCE PhD Livestock swine

2C W MAXWELL PhD Asst Prof Swine Nutr
12J F. McCROSKFY PhD Assoc Frof Beef Cattle Nutr

12J B MICKLE PhD Prof Dairy Proc 123G W NEWF LL PhD Assoc Prof Poultry 3C W NICHOLS PhD Ext Anim Brdg

12R L NOBLE PhD Prof Sheep Prod

12H C OLSON PhD Prof Dairy Proc

12I T OMTVEDT PhD Prof Swine Bris 12D D PINNEY PhD Asst Prof Anim Sci

3C W RICHARDSON PhD Ext Lives tock Nutr

1A A RUTLEDGE BS Beef Cattle Herdsman

2J P SMITH MS Instr Anim Sci

2J D STOUT MS Ext Dairy

12R H THAYER PhD Prof Poultry Nutr 124A D TILLMAN PhD Prof Anim Nutr

12ROBERT TOTUSEK PhD Prof Cattle Nutr

25E J TURMAN PhD Prof Anim Physical

12R L VON GUNTEN MS Asst Prof Dairy Proc

12D C WAGNER PnD Asst Prof Beef Cattle Nutr 12L E WALTERS PhD Prof Meats

12M E WELLS PhD Assoc Prof Dairy Prod

12J V WHITE MAN PhD Prof Anim Brdq

Biochemistry

12R F. KOEPPE Phi: Prof and Head of Dept (405-372-6211 Ext 7:04)

121. C ABBOTT PhD Prof

12K L CARRAWAY PhD Asst Prof

12K E EBNER PhD Assoc Prof

12R K GHOLSON PhD Assoc Prof

12P E GUIRE PhD Asst Prof 12B G HUL CON PhD Asst Prof

8280-8370 OKLAHOMA

8340

Biochemistry-Continued	Engineering (Agr)	8340
12F R LEACH PhD Prof		Prof and Head of Dept (405-372-
12E D MITCHELL PhD Asst Prof	6211 Fxt 7 531)	
12E C NELSON PhD Assoc Prof		sst Prof Soil and Water Re-
12G V COELL, PhD Prof	sources	Assoc Prot Power and Mach
12H O SPIVEY PhD Asst Prof	3PETER BLOOME PhD	
12G R WALLER PhD Prof	3WENDELL BOWERS MS	
Botany and Plant Pathology 8290	12G H BRUJEWITZ PhD	Asst Prof Power and Mach
12J F. THOMAS PhD Prof and Head of Dept (405-372-	12A F BUTCHBAKER Ph	Assoc Prof Farm Structures
6211 Ext 6471)	12B L CLARY PhD As:	
12G L BARNES PhD Assoc Prof Path	1G E COOK MS Asst F	
2EDDII: BASLER Jr Prof Physiol	12F R CROW MS Assoc	Prof Soil and Water
25L A BRINKERHOFF PhD Prof Path	12 JE GARTON PhD Pr 25W R GWINN MS Asst	roi Soil and Water
25R E HUNTER PhD Asst Prof Path 2L S MORRISON MS Asst Prof Path	245G G HEBAUS MS lns:	
12P I: RICHARDSON PhD Asst Prof Anat	3E M LEWIS MS Ext Ru	
12C C RUSSELL PhD Asst Prof Nematol	3PAT LEWIS ES Ext D	
13R V STURGEON PhD Ext Plant Path	12G W MAHONE'Y MS A	sst Prof Structures
2G W TODD PhD Prof Physiol	25D K McCOOL PhD A	ssoc Prof Soil and Water
2D F WADSWORTH PhD Assoc Prof	3M DPAINEMS Ext A	gr Engin
2H. C. YOUNG PhD Prof Path	12J G PORTERFIELD MS	S Prot Power and Mach
0 1 11 (4)	25W O REE BS Assoc P 24C E RICE MS Asst P	rot Int Soil and Water
Communications (Agr) 8300 12R H BURLEY BS Agr Writer	12L C POTH PhD Asset	not bott and water no Prof Pawer and Mach
3CRAIG CHAPPELL BS Asst Ed	3D P SCHWAF MS Ass	
31 J DEDRICK MS Ext Radio and TV	12R W WHITNLY MS In	
23P C DONAVAN MS Asst Ed		
3J L DRUMMOND BA Assoc Ext Ed	Entomology	8350
3JEAN A SHIPMAN MS Asst Ext Ed	2J A HAIR Ausoc Prof	
3J C STONE MS Radio and TV Spec	12D E HOWELL PhD Pr	
23J R STREETER BS Asst Ed	25D C ARNOLD BS Ins	
23C N VOYLES MS Assoc Prof and Agr Ed	3STANLEY COPPOCK : 12W A DREW PhD Asso	
	12R D FIKENBARY PhD	Assoc Prof For and Small
Economics (Agr) 8320	Grains Ins	
123J S PLAXICO PhD Prof and Head of Dept (405-372-	3N W FLORA PhD Ext	
6211 Ext 7511)	12R G PRICE Phl Asso	
25J S ATHERTON MS Asst Prof Land Econ	12R R WALTON PhD P	
12D D BADGER PhD Assoc Prof Resource Econ		Asst Prof Small Grains Ins
3D E BARRETT MS Ext Econ Resource Devipmt 12L V BLAKLEY PhD Prof Mktg and Policy	12J H YOUNG PhD Pro	of Cotton Ins
12M C BOEHLJE PhD Asst Prof Farm Mat	Extension Administration a	nd Supervision 8360
3W L BRANT PhD Ext Econ Farm Mgt		Pres for Ext (Area Code 405-
3R E DAUGHERTY MS Ext Econ Livestock Mktg	372-6211 Ext 212)	
12K C DAVIS PhD Assoc Prof Farm Mgt	3A H CASEY EdD Dir	
12V R EIDMAN PhD Assoc Prot Prod Econ		oir Community and Indus Prog
3J R ENIX MS Ext Econ Wheat Mktg	3CHARLIE BURNS EdD	
2J R FRANZMANN PhD Assoc Prof Mktg 12J W GOCDWIN PhD Prof Livestock Mktg	3ROBERT FILE Ph2 3E D HUNTER MS Dir	
3J C HAMILTON MS Ext Econ Consum Mktg	3GERALD KNUTSON P	
(Tulsa Okla)	3SEWELL SKELTON MS	
25R E HATCH MS Res Assoc Prod Econ	3W F TAGGAHT EdD	
12P H HUMMER PhD Asst Prof Mktg	3WARD ELOCKER MS	
12D F. KLETKE PhD Asst Prof Prod Econ	3GRACE L SPIVEY Edi	D State Ldr Fam Living Prog
25M N LEATH MS Asst Prof Grain Mktg		hD Dir of 4-H and Youth Devlpmt
2Y C LU PhD Asst Prof Human Resource Econ	3EDNA MAE, BAKER M 3H E CHAMBERS MS	S Dist Edr FEP (Enid, Okla)
3CECIL MAYNARD MS Ext Econ Farm Mgt 12L F MILLER PhD Prof Internati Devipmt	3W N COOK MS Dist	
3T H NELSON PhD Ext Farm Mgt		ist Dir (Muskogee, Okla)
3R L. PAGE MS Ext Econ Grain Mktg		S Dist Ldr FLP (Ada, Okla)
12L A PARCHER PhD Prof Land Econ	3BSPARHAM MS Di	
12W D PURCELL PhD Asst Prof Livestock Econ		MS Dist Dir (Oklahoma City,
25C L QUANCE PhD Asst Prof Prod Econ	Okla)	: . I
3R WISCHERMERHORN PhD Ext Econ Mktg 12D F CCHREINER PhD Assoc Prof Finance	3MARY BUSCH MS D	ist Ldr Fam Living Prog (Duncan,
2G R SLOGGETT MS Res Assoc		Dist Ldr Fam Living Prog
12P L STRICKLAND Jr PhD Assoc Prof Prod Econ	(Oklahoma City, (Okla)
2j F TOMLINSON MS Asst Prof Farm Mgt	3RICHARD WARD MS	Dist Ldr Fam Living Prog
12L G TWEETEN PhD Prof Policy	(Muskogee, Okla)	
12C L WALKER PhD Prof Prod Econ	_	
3H E WARD PhD Econ Outlook and Policy	Forestry	8370 Deaf and Head of Dept (405, 372)
	123E F STURGEON PhD 6211 Ext 363)	Prof and Head of Dept (405-372-
Education (Agr) 8330	3H W ALTMAN PhD E	Ext Wildlife Spec
1R F PRICE EdD Prof and Head of Dept (405-372-6211		t Econ For Prods (PO Antlers)
Ext. 444)	3M R CRAIGHEAD BS	Ext For
U P KEY Edl. Asst Frof	12C W LANTZ PhD As	
1J W PRITCHARD FdD Asst Prof	12B L MILLER MS Ass	
1H R TERRY PhD Asst Prof	12D M HORINSON WE.	Asst Prof Measurements

8370-8390 OKLAHOMA

Forestry-Continued

12T H SILKER MS Asst Prof Silvic 12R W STONECYPHER PhD Assoc Prof For Genet 12J L TEATE PhD Asst Prof Recreation 12NATHANIEL WALKER MS Assec Prof For Mgt

Home Economics 8380

ILELA O'TOOLE PhD Dean of Div of Home Econ (405-372-62I1 Ext 243)

3JANELLE ALLISON MS Ext Cloth Spec

Mrs FLCYE ARDREY MS Instr Form helpt and Child Devlpmt

1HAZEL BAKER MS Asst Prof Food Nutr and Inst Admin

3Mrs MARJORIE Y BAKER MS Ext C.oth Spec 1HELEN F BARBOUR PhD Prof Food Nutr and Inst Admin

1MARY C BARNES MA Asst Prof Food Nutr and Inst Admin

3Mrs DOROTHY G BLACKWELL MS Ext Home Mgt Spec 1Mrs ALLENE BROWN MS Asst Fretation and Instr Food Nutr and Inst Admin

1Mrs LORA CACY EdD Asst Prof Home Econ Educ 1MICHELE MICALLIAHAN MS Instriction Relationed Child Devlpmt

1MARGARET S CALLSEN MS Asst Prof Home Econ Educ 3LUCILLE A CLARK MS Ext Econ Housing and Home Equip

3Mrs WILLA R COMBS MS Human Resource Devlpmt 1Mrs MARY M COX MS Asst Prof Fam Relat and Child Devlomt

 ${\tt 1MARTHA} \; {\tt E} \; {\tt CRAWFORD} \; {\tt MS} \quad {\tt Instr} \; {\tt Home} \; {\tt Econ} \; {\tt Educ}$ 1PAULINE CUNNINGHAM MS Assoc Prof and Asst to Dean

3T S CUNNINGHAM EdD Fam Life

1 ANN CURD MS | Instr Fam Relat and Child Devlpmt 1Mrs WANDA JEANNE FLORA MS Instr Fam Relat and Child Devlomt

1ELLEN FLOTTMAN MS Asst Prof Cloth Text and Merchandisina

1Mrs KATHRYN M GREENWOOD MA Assoc Prof Housing and Int Design and Cloth Text and Merchandising

1ANNE GRIFFIN MS Instr Fam Relat and Child Devlomt 1MARY S HERNDON MS Asst Prof Home Mgt Equip and Fam Econ

1BEULAH M HIRSCHLEIN MS Asst Prof Home Econ Educ

1ELIZABETH HILLIER PhD Assoc Prof Home Econ Educ and Co-Dir Pakistan Home Econ Prog

1Mrs JOSEPHINE W HOFFER EdD Assoc Prof Fam Relat and Child Devlpmt

1HAZEL INGERSOLL PhD Prof Fam Relat and Child Devlomt

1ELAINE JORGENSON PhD Assoc Prof and Head Home Econ Educ

1Mrs LORENE W KEELER MS Instr Fam Relat and Child Devlpmt

1DONICE KELLEY PhD Prof and Head Cloth Text and Merchandising

1Mrs GLEF T KINCANNON MS Instr Food Nutr and Inst Admin

1Mrs BEULAH M KINNEY MS Asst Prof Fam Relat and Child Devlomt

1WINCNA KOCH MS Asst Prof Cloth Text and Merchandising

1BERNICE KOPEL EdD Asst Prof Food Nutr and Inst

1MARY F. LEIDIGH MS Assoc Prof and Chrim Food Nutrand Inst Admin

1LEONE LIST MA Asst Prof Fam. Relat and Child Devipmt

1J J MacALLISTER MA Assoc Prof and Dir of Sch of Hotel and Restaurant Admin

3IRMA MANNING MS Ldr FLP

1Mrs GLADYS B MARSHALL MS Asst Prof Farm Relat and Child Devlpmt

1Mrs DOROTHY McALISTER PhD Asst Prof Cloth Textiles and Merchandising

IMARY McCALL MS Instriction Relationed Child DevIpmt

Home Economics-Continued

1FLCRENCE: McKINNEY PhD Prof and Head of Home Myt and Fam Econ and Hous and Int Design

ISARA L MEADOR MS Assoc Prof Cloth Text and Merchandisina

1Mrs GERTRUDE MEANS MS Asst Prof Home Mgt Equip and Fam Econ

1Mrs LCI3 MICKLE MS Instr Fam Relat and Child Devlomt

1Mrs MARY MILLER MS Abst Prof Fam. Relat and Child Devip...t

1Mrs KA': F MURPHY MS Instr Fam. Relat and Child Devlpm:

1Mrs MARY MURPHY MS - Asst Prof Cloth Text and Merchandising

3BERTHA NICHOL MS Housing and Int Design 3SHERRY NICHOLS MS - Ext Foods and Nutr

1MILTON PASCHALL MS Asst Prof Housing and Int Design

ILEEVERA PEPIN MS Asst Prof Housing and Int Design

1RUTH FINTLE PhS Assec Prof Home From Educ

3RUTH PETERMANN MS Ext Spec Food and Nutr 170.00 . MELL MS Instring Beat and Child DevIomt

1Mrs CHRISTINE F SALMON MA Assoc Prof Housing and Int Design

12DOHOTHY SAVILLE MS Prof Cloth Text and Merchandising and Home Econ Res

1Mrs LYNN SITLER EaD Asst Prot Cloth Text and Merchandising

3Mr. LAI Gra C SMITH MC - Dast Fixt Home Econ

1ELIZABETH STARKWEATHER PhD Assoc Prof Fam Relat and Child Devlpmt

INICK CTINNETT In PLD Asst Prof Fam Relat and Child Devlpmt

IMB PHANCES STROMBERG PhD Acisoc Prof Fam Helat ma Child Devloat

<code>1LGUIG M TRF MONTI MS</code> - Instr Hotel and Restaurant Admin

1Mrs LOUISE WAKELEE MS Asst Prof Food Nutr and Inst Admin

NAMES TWALTERS PaD Prof Firm Holist and Child

Lewipmt

1Mrs Hi LEND I WEST MS | Instricted Nutriand Inst Admin
1800 Him AND TERPELOT For Fred and Head of Food Luti and Inst Admir.

Horticulture

123W F KAYS MC Assoc Prot and Head of Dept (405-372tzl. Ext 30.1)

12H A HINELCHO MS - Assoc Frot Fruit and Pecans
3F J MOTOH: LL BU - Omain Hort
11 3 CWMBY MS - Asst Plot Omain Hort
12R N PAYNO PhD - Assoc Prof Flor

12F ARCM HL BS Assoc Prof Vey Crops

12H J THOMSONMS Instr

3E LWHITEHEAD BS Ext Hort

Veterinary Medicine

8420

18.1 /M PnT 1 / cir. 11.751 (405-272-6211 1 31 6 1

12F. W "Our J MRCVS Fill — Fir of Vet Res and Grad Educ

(405-372-6211 ext 6345)

13A I. MALLELLVIM - Fire of Het Cellus Ver Medimine (405-77.-6221 Ext 6531)

VETERINARY ANATOMY

H. Refilmed W. I. M.M.C. Fr fund for that Dept (405-

1J F FRIEND LVM MS Assoc Prof

TE William PY CAME From All And Prof. 12 C. Mark Prof. Act From Prof. 12 C. Mark Prof. 12 C

160 H VODAPLE DVM Fall Frof

VETERINARY MEDICINE AND SURGERY

17 A A 1 1 - AM From mill adot Lept (405-372-621) Externi

61 L ANDERSON BVSc - Appr Pint

4T C. IDI A. . Prof.

8430

8440

Horticulture_Continued

1LESTER JOHNSON DVM Prof

1J M I FRUC! VM Instr 1E M JONES DVM Prof

12E W JONES MRCVS PhD Prof

1T: CMAS MONIN DVM Asst Prof.

1T M NEAL DVM Asst Pro: 12: C HANGOI PH : VV Inetr 13: I HUHIN UM Acet Pro:

IN B TENNILLE DVM Prof

123T R THELLOPE EVM

1E. I WILL IAMS MRCVS FRCVS Prof.

VETERINARY PARASITOLOGY AND PUBLIC HEALTH

10 A EWING EVM Ph. Frof and Head of Lept (405-372-

6211 Ext 6325)

1P B BARTO DVM PhD Prof.

12R E CORSTVET PhD Assoc Prof 12L A I AVIL PhU Asst Prof

THELEN E JORDON DVM PhD Prof

16C S PATTON DVM Instr

VETERINARY PATHOLOGY

12A W MUNI UKI VM Fh. Frot and Hoard or Dept (405-372-67.1 Ext 65311

12W E BROCK DVM PhD Prof

16R G BUCKNER DVM MS Prof

1J F CORCOHAN DVM MS Prof

1J C FREENY DVM Instr

1B L GLENN DVM PnD Prof

THE A. GHEEN I VM. Asst Prof.

11 C KLIEWER MS Asst Prof 13A L MALLE DVM Prof

12R J PANCIERA DVM PhD Prof

IC C PEARSON DVM Assoc Prof IB C WARD DVM PhD Asst Prof

VETERINARY PHYSIOLOGY AND PHARMACOLOGY

1S A DWING DVM PnD Actg Head of Dept (405-372-6211 Ext 6325)

12C G BEAMS PhD Prof

1Mrs GEORG ANN DAVENPORT DVM MS Instr

12CLAUDE DESJARDINS PhD MS Assoc Prof

14 C FOWARDS DVM MS | Asst Prof

12L L EWING PhD Assoc Prof 1J G HURST PhD Assoc Prof

1D P JENNINGS DVM PhD Asst Prof 12W S NEWCOMER PhD MS Prof

Miscellaneous

3T W LEE MS Ext Acct

3MARY S McBROOM BS Asst State 4-H Ldr

12R W McNEW PhD Asst Prof Math

2R D MORRISON PhD Prof Statis

3J C NELSON BS Mach Acct
3B A PARKER MS Assoc State 4-H Club Ldr
3BILL STROM PhD State 4-H Proq

2D L WEEKS PhD Assoc Prof Statis

3W WENDT BS State 4-H Prog Ldr

Special Stations

Caddo Peanut Res Sta (PO Fort Cobb)

2C W CARROLL Foreman Cotton Res Sta (PO Chickasha)

2E S OSWALT MS Supt 2W E TAYLOR MS Asst Prof

Eastern Okla Field Sta (PO Stilwell)

2C D BRADFORD BS Sta Supt

Eastern Okla Pasture Sta (PO Oktaha) 2W W FULLER MS Sta Supt

Ft Reno Expt Sta (PO El Reno)

25R E RENBARGER MS Asst Sta Supt

25D F STEPHENS MS Supt

Irrig Expt Sta (PO Altus)

2D P PROPHET MS Supt (PO Altus)

Kiamichi Field Sta (PO Idabel)

2J R MOORE BS Sta Sup

Panhandle Expt Sta (PO Goodwell)

2J P ALEXANDER MS Asst Prof

(Aur Statt of Panhandle A and M CoI)

Special Stations—Continued

North Central Res Sta (PO Lahoma)

2D M SCHEIBER BS Sta Supt

Peanut Res Sta (PO Stratford)

2W N STOKES Foreman

Pecan Res Sta (PO Sparks)

2H L DAVIS Supt

Sandy Land Res Sta (PO Mangum)

2R W FORAKER MS Asst Prof

Southwestern Okla Cotton Sta (PO Tipton)

2V L STRICKLAND Foremon

US Southern Great Plains Sta (PO Woodward)

25E H McILVAIN Jr MS Supt

2P W VOIGT PhD Asst Prof

Vea Res Sta (PO Bixby)

2J E MARSHALL BS Supt

Vet Res Inst Field Lab (PO Pawhuska)

2I O KLIEWER MS Asst Prof 2ROSCOE MARTIN Foremon

2C C PEARSON DVM Assoc Prof

Langston University, Langston 73050 (Main tel 405-466. 2281)

1College Staff

8445

1W E SIMS EdD Pres of Univ (405-466-2220)

IW L JONES PhD Dean of Acad Affairs (405-466-2281 Ext 207)

8450

1E L HOLLOWAY PhD Dean of Stud Affairs (405-466-2281 Ext 204)

1L J CLARK MS Libr and Act Dir of Devlpmt and Public Relat (405-466-2281 Ext 261)

1R E KINNARD MS Assoc Prof and Chmn of Agr (405-466-2281 Ext 265)

1BENJAMIN MONROE BS Supt (405-466-2281 Ext 266) IJ L WHITE MS Asst Prof of Agr (405-466-2281 Ext

266) 1Mrs ZELLA B PATTERSON MS Assec Prof and Chmn of Home Econ (405-466-2281 Ext 235)

1Mrs ANNIE A WEST BS Instr (405-466-2281 Ext 234)

OREGON

Schools of Agriculture, Home Economics, the Agricultural Experiment Station, and Federal Cooperative Extension Service of Oregon State University, Corvallis 97331 (Main tel 503-754-0123)

1University Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop Other 9A-TR, M-S Program.

8460

1R E LIEUALLEN EdD Chanc of State Syst of Higher Educ

1R W MacVHCAR PhD Pres of Univ

1RA YOUNG PnD Vice Pres For Res and Grad Studies
1237 T COONEY MS Dean of Sch of Agr (503-754-

23311 129CH STOLTENBERG PhD Dean of Sch of For and Dir For Res Lar

1BETTY E HAWTHORNE PhD Dean of Sch of Home E.con

1E C STEVENSON PhD Assoc Dean of Sch of Agr and Dir of Resident Instr (503-754-2211)

2G B WOOD PhD Assoc Dean of Sch of Agr and Dir of Agr Expt Sta (503-754-1251)

34G M LEAR MPA Assoc Dean of Sch of A p and Dir of

Fed Coop Ext

3.J R CO\ MS Act Dur of Fed Coop Ext

1G M ROBERTSON MS Dir Bus Affairs

FFPRICE BS Deam of Agr and Dir of Agr Expt Sta and Fed Coop Ext Emeritus

8470-8520 OREGON

Animal Science

12J E OLDFIELD PhD Prof and Head of Dept IG B JACOBSON PhD Instr Biochem 2JOHN ADAIR BS Senior Instr Mink ISSLEE PhD Instr Biochem 3D E ANDERSON BS Assoc Prof Ext Dairy Spec 5S T LIKENS BS Assoc Prof Chem 12RALPH BOGART PhD Prof Genet 12P R CHEEKE PhD Asst Prof Nutr 12D C CHURCH PhD Prof Nutr 12D C ENGLAND PhD Prof Swine 2F T LINDSTROM PhD Asst Prof Math 2M L MONTGOMERY BS Sect Ldr Herbicide Biochem 12R C MORRIS PhD Assoc Prof Plant Biochem
1H S NAKAUE PhD Res Assoc Biochem HPEWALT BS Prof Emer Ext Dairy Spec 5L A NORRIS PhD Asst Prof Plant Phys 3W D FRISCHKNECHT MS Assoc Prof Ext Spec 1KATHE M OESTEREICHER PhD Res Ass∞ Chem 34D H GATES PhD Assoc Prof Ext Range Spec 2JOHN KAUPMES PhD Assoc Prof Ext harde sp 2JOHN KAUPMES PhD Assoc Prof Media 12W H KENNICK PhD Assoc Prof Media 3J H LANDERS PhD Assoc Prof Ext Spec 2P C SCOTT PhD Asst Prof Plant Phys 12L C TERRIERE PhD Prof Chem Toxicol 21 J TINSLEY PhD Prof Food Biochem 2P H WESWIG PhD Prof Chem Anim Nutr F F McKENZIE PhD Frof Ener Peprod Physic. 2P D WHANGER PhD Assoc Prof Chem Anim Nutr 2GH MEYERS BS Instr Dairy
J CMILLER Phil Prof Exer Anim Prod 2J M WITT PhD Assoc Prof Agr Chem 1S J YU PhD Res Assoc Entomology 12A W OLIVER MS Assoc Prof Horses 12C E POULTON PhD Prof Range Mgt 12A T RALSTON PhD Prof Beef Cattle Economics (Agr) 123E N CASTLE PhD Prof Agr Econ and Head of Dept 1PAUL RUTLAND Instr Horses 13M H BECKER MS Prof Agr Econ and Ext Farm Mgt Spec 12W H C SCHALLIG BA Asst Prof Emer Range Mat 12G E BLANCH PhD Prof Tax and Finance
2R C BLENSLY MS Assoc Prof Trans Eng and Econ
12W G BROWN PhD Prof Prod Econ 12FREDEICK STORMSHAK Phl Asir Frei Physiol 12F M STOUT PhD Assoc Prof Nutr 12F B WOLBERG MS Assoc Prof Dairy PAUL CARPENTER BS Prof Emeritus Ext Agr Econ 12A S WU PhD Assoc Prof Physiol 12F S CONKLIN PhD Asst Prof Prod Econ and Farm Mgt M J CONKLIN BS Prof Emeritus Agr Econ 8480 Betany and Plant Pathology 23R C COPPEDGE MS Instr Ext Agr Econ Statis
12J A EDWARDS PhD Frof Price Theory
3C M FISCHER MS Assoc Prof Ext Poultry Mktg 123 J.R. SHAY PhD Prof of Plant Path and Head of Dept 4T C ALLEN PhD Assoc Prot Plant Path Virol 12N I BISHOP PhD Prof Plant Phys Spec 1W H BRANDT PhD Assoc Prof Plant Path 123LEON GAROIAN PhD Prof Ext Mktg Mgt Spec 12H R CAMERON PhD Prof Plant Path Tree Fruit Dis 3R H GRODER MS Assoc Prof Ext Fruit and Veg 1K L CHAMBERS PhD Prof Bot Syst and Curator of Mkta Spec Herbarium 12W W CHILCOTE PhD Prof Bot Ecol
2L C COCHRAN PhD Prof Plant Path.
5RH CONVERSE PhD Prof Plant Path. Small Fruit Dis C N HAGG BS Assoc Prof Emeritus Ext Dairy Mktg Spec 12A N HALTER PhD Prof Prod Econ 12T M HAMMONDS PhD Asst Prof Mktg
H F HOLLANDS PhD Prof Emeritus Agr Econ 12M E CORDEN PhD Prof Plant Path Phys of 50 W HOLMES Jr MS Ass∞ Prof (ERS) Parasitism Mrs ELVERA C HORREL Asst Prof Emer Ext Agr Econ **5**A J CULVER Jr PhD Assoc Prof Bot Mycol Statis 12W C DENISON PhD Assoc Prof Mycol 12R S JOHNSTON PhD Asst Prof Price Theory 3J R DILWORTH Jr BS Instr Seed Certif 123R L LANGMO MS Assoc Prof Agr Econ Indus Engin 5H L DOOLEY MS Asst Prof Plant Path 12H J EVANS PhD Prof Plant Phys 3S C MARKS MS Assoc Prof Ext Mktg Rpts 2F G MASCN PhD Prof Social Aspects Resource Devlpmt 5R O HAMPTON END Assoc Prof Plant Path Virol 5J R HARDISON PhD Prof Plant Path Forage Dis 5SF MILLER PhD Assoc Prof (ERS) D C MUMFORD MS Prof Emer Agr Econ

23A G NELSON PhD Asst Prof Agr Econ Farm Mgt Spec 5C E HORNER PhD Prof Plant Fath Mint and Hop Dis 12H J JENSEN PhD Prof Nematol E L POTTER MS Prof Emeritus Agr Econ 4J H JENSEN PhD Prof Bot and Plant Fith 123C B REEDER PhD Asst Prof Ext Mktg Mgt Spec 3Mrs L D JOHNSTON MS Instr Bot Syst 1RBRETTIG PhD Asst Prof Resource Econ 3VELMA SEAT MA Assoc Prof Ext Food Mktg Spec 3P A KOEPSELL PhD Asst Prof Ext Plant Path Spec 2C M LEACH PhD Prof Plant Path Seed Dis 124G L SEEVERS PhD Asst Prof Econ Policy and Inter-3I CMACSWAN MS Prof Ext Flant Path Spec natl Trade 4C DMcINTIRE PhD Assoc Prof Bot Phycol 2L W MOORE PhD Asst Prof Plant Path Bacterial Dis 1T C MOORE PhD Assoc Prof Plant Phys 3T H SIDOR MS Prof Community Resource Devipmt Spec 12G H SITTON PhD Prof Community Resource Devlpmt 12H K PHINNEY PhD Prof Bot Phycol 12R L POWELSON PhD Assoc Prof Plant Pith Cereal Spec 13F J SMITH PhD Ass∞ Prof Ext Marine Eco. Dis 12J B STEVENS PhD Assoc Prof Resource Econ 1RSQUATRANO PhD Asst Prof Plant Phys 12L FROTH PhD Prof For Path 12F H SMITH PhD Prof Bot 12H H STOEVENER PhD Assoc Prof Resource Econ 234C F SUTHERLAND MS Assoc Prof For Econ 3R H TEAL MS Assoc Prof Ext Seed Mktg Spec SE J TRIONE PhD Assoc Prof Plant Path 3M D THOMAS BS Prof Ext Agr Econ Public Policy
123 J G YOUDE PhD Assoc Prof Mktg 12E K VAUGHAN PhD Prof Plant Path Veg Crop Dis 1DBZOBEL PhD Asst Prof Bot Med 123R C YOUMANS PhD Ass∞ Prof Resource Econ 8490 Chemistry (Agr) 2V H FREED PhD Prof Chem and Head of Dept 8510 Education (Agr)

Herbicides

2F W ADAMS PhD Asst Prof Chem Anim Nutr 12G S BEAUDREAU PhD Assoc Prof Chem

1D R BUHLER PhD Assoc Prof Toxicol

 ${f 2}{f D} \to {f BULLIS} \; {f MS} \quad {f Prof} \; {f Emeritus} \; {f Chem}$

2RR CLAEYS PhD Asst Prof Chem

2J L DAVIS PhD InstrChem

1ANNE M DEENEY PhD Asst Prof Toxicol

2S C FANG PhD Assoc Prof Plant Biochem

1J W GILLETT PhD Assoc Prof Toxicol

2J R HAAG PhD Prof Emeritus Chem Anim Nutr

Chemistry (Agr)-Continued

8470

1RIZWANUL HAOUE PhD Asst Prof Phys Chem

8500

1P B DAVIS PhD Prof Agr Educ and Head of Dept

1DELBERT SHIRLEY PhD Asst Prof Agr Educ

8520 Engineering (Agr) 12DEKIRK MS Prof Crop Process and Food Engin and

Actg Head of Dept

12D A BACKUS PhD Asst Prof Str and Environ
12D E BOOSTER MS Assoc Prof Power and Mach

5N R BRANDENBERG MS Assoc Prof Power and Mach

12R H BROOKS PhD Assoc Prof Soil and Water

1L V CHRISTENSEN MS Assoc Prof Agr Engin

OREGON 8520-8570

Engineering (Agr)-Continued Form Crops 8560 12M G CROPSEY PhD Prof Elec 123J R COWAN PhD Prof Agron and Head of Dept (503-754-2821) 5T A GEORGE BS Asst Prof Irrig Water Forecast 12A P APPLEBY PhD 5J E HARMOND BS Prof Emer Small Seed Mach Assoc Prof Agron 5L M KLEIN BS Assoc Prof Power and Mach 12J D BERDAHL PhD Res Assoc 5W O BILLINGS BS Asst Prof Plant Mater Spec 12F F BOLTON PhD Res Assoc 12D R LONG MS Prof Power and Mach 1R N LUNDE BS Prof Emer Agr Engin 3W L MATSON MS Prof Ext Agr Engin Spec 3D H BREWER MS Asst Prof Ext Certif Spec 12WHEELER CALHOUN Jr MS Assoc Prof Agron 2G E PAGE MS Assoc Prof Power and Mach 5J K PARK MS Assoc Prof Power and Mach 12JUAN CARDENAS PhD Asst Prof Agron 12J B RODGERS AE Prof Emer Power and Mach 12H RSINNARD MS Prof Structures 12D O CHILCOTE PhD Prof Crop Phys 12Mrs TE MAY CHING PhD Assoc Prof Seed Phys 3G L COOPER MS Instr Ext Certif Asst 5H M VANCEBS Instr Irrig Water Forecast 12J W WOLFE PhD Prof Soil and Water 12H R DANIELSON BA Instr Seed Technol 3G W DEWEY BS Ext Certif Spec Emer 12R K FENDALL PhD Assoc Prof Agron 8530 Entomology 12W H FOOTE PhD Prof Agron 123P O RITCHER PhD Prof Ent and Head of Dept 2R E FORE PhD Prof Agron 12N H ANDERSON PhD Assoc Prof Aquatic Ent 2E E EERRY PhD Asst Prof Soil Arthropods 12R V FRAKES PhD Prof Plant Brdg 12W R FURTICK PhD Prof Agron Weeds IV J BROOKES PhD Prof Ins Phys 3N R GOETZE PhD Prof Ext Farm Crops Spec 3J CAPIZZI MS Assoc Prof Ext Ent Spec 12D F GRABE PhD Prof Agron
30 A GUTBROD BS Instr Ext Certif Asst W J CHAMBERLIN PhD Prof Emer For Ent 2H H CROWELL PhD Prof Veg Ins 3R W EVERY BS Prof Ext Ent Spec 3I J HAGEN BS Instr Ext Certif Asst 12R L GOULDING Jr PhD Assoc Prof Anim Pests 123E E: HARDIN BS Assoc Prof Seed Technol 5ALFRED HAUNOLD PhD Assoc Prof Agron Hops $\textbf{2} S \ C \ JONES \ MS \quad Prof \ Emer \ Tree \ Fruit \ Ins$ 12H M HEPWORTH PhD Res Assoc 5J A KAMM PhD Asst Prof Forage Ins DDHILLPhD Prof Emer Agron 12G W KRANTZ PhD Prof Mites 1J DLATTIN PhD Prof Heteroptera and Asst Dean 5C E HORNER PhD Prof Plant Path Mrs LOUISA A JENSEN BS Prof Emer Seed Technol Science 12W E KRONSTAD PhD Assoc Prof Agron Cereals 1C H MARTIN PhD Prof Emer Ent D C MOTE PhD Prof Emer Ent

12W P NAGEL PhD Assoc Prof For Ent 2C M LEACH PhD Assoc Prof Plant Path 5W O LEE PhD Asst Prof Agron Weeds 1H V LOPEZ MS Instr Agron 1P W OMAN PhD Prof Leafhoppers 2R BROBERTS III PhD Res Assoc Syst 2R G ROSENSTIEL PhD Assoc Prof Small Fruit Ins 12W S McGUIRE PhD Prof Agron Pasture
5R J METZGER PhD Assoc Prof Cytogenet 12J A RUDINSKY PhD Prof For Ent 12D L PLUCKNETT PhD Assoc Prof H A SCULLEN PhD Prof Emeritus Ent 5H H RAMPTON MS Assoc Prof Agron Seed Crops H A SCHOTH MS Prof Emer Agron

SS L SWANSON BS Instr Agron

3REX WARREN MS Prof Ext Farm Crops Spec 12W P STEPHEN PhD Prof Apic 12K G SWENSON PhD Prof Virus Transmitting 12L C TERRIERE PhD Prof Ins Toxic B G THOMPSON PhD Prof Emer Ent 3H W YOUNGBERG PhD Assoc Prof Ext Certif Spec 2D G TWEEDY PhD Res Assoc Fisheries and Wildlife 12T G SCOTT PhD Prof Wildlife Ecol and Head of Dept 12C E BOND PhD Prof Fisheries and Asst Dean Grad **Experiment Station Administration** 8540 123W T COONEY MS Dean of Sch of Agr 2G B WOOD PhD Assoc Dean of Sch of Agr and Dir Sch 2W P BREESE MS Assoc Prof Fisheries of Agr Expt Sta 2R SBESSE BS Assoc Dir Emeritus 2R S CALDWELL PhD Asst Prof Fisheries 12W H FOOTE PhD Asst Dir 6H J CAMPBELL MS Asst Prof Fisheries (Coop Ore 2E F GILSTRAP BS Asst to Dir State Game Comm) 12J W HEGGEN BS Acct 2GGCHADWICK MS Asst Prof Fisheries 2R C COURTRIGHT MS Instr Fisheries 2R W HENDERSON PhD Asst Dir 2G E DAVIS PhD Ass∞ Prof Fisheries 2R E DIMICK MS Prof Emeritus Fisheries 12R A SOLUM Fiscal Off 12J R DONALDSON PhD Asst Prof Fisheries 12PETER DOUDOROFF PhD Prof Fisheries Extension Administration 8550 123W T COONEY MS Dean of Sch of Agr 34G M LEAR MPA Assoc Dean of Sch of Agr and Dir of 2R B FISHER Assoc Prof Fisheries 12J L FRYER PhD Assoc Prof Fisheries and Micro 6H L GARRISON MS Asst Prof Fisheries (Coop Ore Fed Coop Ext 3 J R COX MS Act Dir of Fed Coop Ext State Game Comm) 12J D F.ALL PhD Assoc Prof Fisheries 3MARY E ABBOTT MA Ext Dist Supvr 12H F HORTON PhD Prof Fisheries 3TH BOND MS Ext Dist Supvi 12E T JUNTUNEN BS Instr Fisheries 3EVELYN A FUNK MS Asst State Ldr Home Econ 3D P JOHNSON MEd Ext Spec 4-H and Youth 12H M KRUEGER PhD Prof Physiol and Pharmacol 12L W KUHN MS Prof Wildlife Ecol 34 J A KIESOW MEd Ext Spec 4-H and Youth 34G A KLEIN MA Ldrshp Devlpmt Spec 3C L LEACH BS Asst Ext Bus Mgr 3A S LANDFORCE BS Ext Wildlife Mgt Spec 6R L LANTZ BS Instr Fisheries (Coop Ore State Game 3ANN LITCHFIELD PhD Asst Dir Comm) 3C G MONROE MS Ext Spec 4-H and Youth 6W C LIGHTFOOT BS Asst Prof Wildlife E∞l (Coop Ore State Game Comm) 3H J MYERS MS Ext Dist Supvr 1J B LONG MS Prof Wildlife Ecol 2J R McINTYRE PhD Asst Prof Fisheries 3W G NIBLER MS State Ldr Co Ext Prog 34L M OESTER EdM Ext Dist Supvr 3G D PAULSEN BA ADP Syst Anal 12W J McNEIL PhD Assoc Prof Fisheries 3A LOIS REDMAN MA Ext Spec 4-H and Youth 1R E MILLEMANN PhD Prof Fisheries 3J W HOSS MS Asst Dir 6H J RAYNER PhD Prof Fisheries (Coop Ore State 3MURLE SCALES MS Asst State Ldr Home Econ Game Comm) 3J W SCHEEL MA Asst Dir 2R G REDMOND BS Senior Instr_Fisheries 3C GWEEDMAN Ext Bus Mgr 12D L SHUMWAY MS Asst Prof Fisheries 3W Q WICK MS Marine Adv Prog Ldr 6R C SIMON PhD Prof Fisheries (Coop USDI)

8570-8630 OREGON

Fisheries and Wildlife-Continued

- 6C D SNOW MS Asst Prof Fisheries (Coop Fish Comm of Ore)
- 12B J VERTS PhD Assoc Prof Wildlife Ecol
- 12P A VCHS Jr FhD Assoc Prof Wildlife Fcol
- 6H H WAGNER MS Asst Prof Fisheries (Coop Ore State Game Comm)
- 12C E WARREN PhD Prot Fisheries
- 12L J WEBER $\ensuremath{\mathsf{Ass}} \infty$ Prof Fisheries and Pharmacol
- 12H M WIGHT MS From Wildlife From

Food Science and Technology

8580

- 12H W SCHULTZ PhL Prof Food Sci and Technol and head of Dept
- 12A F ANGLEMIEH PhD Assoc Prof Food Sci and Technol Meats
- 2J K BABBITT PhD Asst Prof Food Sci and Technol Seafoods
- 12D V BEAVERS BS Asst Prof Food Sci and Technol Fruit and Veg
- 12D D BILLS PhD Assoc Prof Food Sci and Technol Dairy Prods
- 123F W BODYFELT MS Ext Dairy Proc Spec and Asst Prof Food Sci and Technol
- 12R F CAIN PhD Prof Food Sci and Technol Fruit and Veg
- 2D L CHAWLORD PhD Ascore Prof Food Sci and Technol Seatoods
- 2F W HARVEY PhD Assoc Prot Food Sci and Technol Seafoods
- 23K S HILDERBRAND MS Asst Prof Food Sci and Technol Seafoods
- 12P H KRUMPERMAN PhD Assoc Prof Food Sci and Technol Fruit and Veg
- 2D K LAW ES Assoc Prof Food Sci and Technol Seafoods
- 12D J LEE PhD Assoc Prof Food Sci and Technol Food Proc
- 12JS LEE PhD Assoc Prot Food Sci and Technol Food
- 2L M LIBBEY FFL Assoc Prof Food Sc. and Technol Dairy Prods Natural Flavors
- E M LITWILLER PhD Prof Emeritus Food Sci and Technol
- 12Mrs LGID A Mc Jill BS Assoc Prof Food Sci and Technol Censory Eval
- 3H P MILLEVILLE BS Ext Food Technol Mktg Spec 12M W MC1T DOMERY FREE Asset Prof Food Sci and Technol Meata
- 12M E MORGAN Pal' Prof Food Sci and Technol Dairy Prods Chem and Bact
- 2J E NIXON Public Assit Prof Food Sci and Technol Food Proc
- 2N I. PAMI CWSKI PhD Asst Prof Food Sci and Technol Food Proc
- G A PICHARDSON PhD Prof Emeritus Food Sci and Technol
- 12C E SAMUELS PhD Prof Food Sci and Technol
- 12R A SCANLAN PhD Asst Prof Food Sci and Technol Dairy Prods Natural Flavors
- 12R O SINNHUBERMS Prof Foot Sci and Technol Food Pric
- 2M. RISCIPLIBLUIS I MS Instrictional Scientification Food Plant Wantes
- 12G W VARSEVELD MS Asst Prof Food Sci and Technol Fruit and Veg
- 2J H WALLIMA Ashoc Frof Food Sci and Technol Food Picc
- F H WEIGANI BSA Prof Emeritus Food Sci And Technol
- 12R E WHOLLITAL Pal. Aust Frof Food Sci and Technol
- 12H Y YANG PLP Assoc Prof Food Sci and Technol Fruit and Veg
- 2T C YU MS Asst Prof Food Sci and Technol Seafoods

Home Economics 8620

1BETTY E HAWTHORNE PhD Prof Dean of Home Econ 1SYLVIA LEE PhD Assoc Prof and Head of Home Econ

Home Economics-Continued

- 12MARGY J WOODBURN PhD Prof and Head of Dept of Foods and Nutr
- IVIRGINIA HARGER MS Prof and Head of Inst Mgt 1Mrs WINNIFRED K FULMER MS Head Adv Sch of Home Econ
- 1J PHILIP O'NEILL PhD Prof and Head of Fam Life 1FLORENCE PETZEL PhD Prof and Head of Cloth Text and Relat Arts
- 1HELEN F McHUGH PhD Assoc Prof and Head of Home Mat
- 12CLARA A STORVICK PhD Prof Foods and Nutr and Chmn Home Econ Res
- 3ESTHER TASKERUD MA Asst Dir Ext Emer
- 3ANN LITCHFIELD PhD Prof and Asst Dir Ext
- 1Mrs KITTY G ABRAHAM Instr Fam Life
- 1 GEORGENE V BARTE MS Asst Prof Foods and Nutr 2Mrs EVA BENSON MA Asst Prof Nutr
- 1MIS MARILYN A BERVEN MS Asst Prof Home Econ Educ
- 1GEORGE BAKER BOKORNEY MS Asst Prof Inst Mgt 3Mrs DOROTHY BROWN MS Assoc Prof Ext Home Furn Spec
- 121 rs JANET BUBL MS Asst Prof Cloth Text and Relat Arts
- 1Mrs MARIE BUSSARD MS Asst Prof Foods and Nutr 1Mrs MARIAN C CARLIN MS Assoc Prof Fam Life
- 3ELAINE CARLSON MS Assoc Prof Cloth Text and Relat Arts
- 1HELEN G CHARLEY MS Prof Foods and Nutr ILAURA M CLEAVELAND MS Assoc Prof Inst Mgt Emeritus
- 1J RICHARD CONNELLY PhD Asst Prof Fam Life IMARIE DIEDESCH MS Assoc Prof Cloth Text and Relat Arts
- 1A'AY DuBOIS PhD Prof Home Econ Educ
- 1Mrs DOROTHY EASTMS Asst Prof Foods and Nutr
- 2Mrs MARGARET EDWARDS BS Senior Instr Nutr
- 3Mrs JUDITH FOREST Asst Prof Ext Nutr Spec
- 3Mirs ROBERTA C FRASIER MS Prof Ext Fam Life Spec
- 1RUTH E GATES PhD Assoc Prof Cloth Text and Relat Arts
- 1PHYLLIS E GRANT MS Asst Prof Cloth Text and Relat Arts
- 1Mrs MARY ANN GRIEVE MS Asst Prof Home Econ Educ
- IMrs ELIZABETH C JOHNSON PhD Asst Prof Foods
- 3Mrs ALBERTA JOHNSTON MS Assoc Prof Ext Spec Home Mat
- IMARIE LEDBETTER MS Assoc Prof Cloth Text and Relat Arts
- 12Mrs ANDREA MACKEY PhD Prof Foods and Nutr 1MARY MASSEY PhD Asst Prof For Life
- IMrs JOY Malifian Instrictions and Nutr
- 12LORRAINE "MILLER PhD Assoc Prof Foods and
- Nutr 1Mrs LESLEY F MORRIS MS Instr Fam Life
- 1RUTH A MOSERMS Assoc Prof Cloth Text and Relat
- Alts
- IBETTY L MOYLE MS Visit Asst Prof Home Mgt
 12Mrs JEAN PETERS MS Asst Prof Foods and Nutr
- 1Mrs CONSTANCE PLANTS BS Senior Instr Home Econ
- 1MARTHA PLONK PhD Assoc Prof Home Mgt
- 1Mrs MARY POOLE MA Asst Prof Fam Life IMIS CATHERINE SMITH MS Instr Fam Life
- 3 BERNICE STRAWN MS Prof Ext Home Mgt and Equip
- Spec
- 1Mrs LINDA THIEL MS Instr Cloth Text and Relat Arts 1MARY WALLACE MS Asst Prof Foods and Nutr 1Mrs VERA L WELLS MS Asst Prof Cloth Text and Relat Arts
- 1Mrs PATRICIA WICKMAN MS Instr Inst Mgt

8630 Horticulture

123S B APPLE Jr PhD Prof Hort and Head of Dept 12J R BAGGETT PhD Assoc Prof Hort Veg Crops 12M H CHAPLIN PhD Asst Prof Hort Pomol 20 CCOMPTON PhD Prof Hort Pomol

8630-8720

OREGON Horticulture_Continued Seafoods Laboratory 8675 12GARVIN CRABTREE PhD Assoc Prof Hort Weeds (250 - 36th Street Astoria 97103) 12W A FRAZIER PhD Prof Hort Veg Crops 12H WSCHULTZ PhD Prof Food Sci and Technol and Dir 12L H FUCHIGAMI PhD Asst Prof Hort Ornam of Lab 12RALPH GARREN Jr PhD Assoc Prof Hort Small Fruits 2J K BABBITT PhD Asst Prof Food Sci and Technol 12ELMER HANSEN PhD Prof Hort Pomol Seafoods 5H B LAGERSTEDT PhD Assoc Prof Hort Nuts 27 L CRAWFORD PhD Assoc Prof Food Sci and Tech-5F J LAWRENCE PhD Asst Prof Hort Small Fruits nol Seafoods and Prog Dir 2: WHARVEY PhD Assoc Prof Food Sci and Technol 12H J MACK PhD Prof Hort Veg Crops 3C O RAWLINGS MS Prof Emeritus Hort Seafoods 12A N ROBERTS PhD Prof Hort Ornam 23K S HILDERBRAND MS Asst Prof Food Sci and 12R A SMITH PhD Asst Prof Hort Small Fruits Technol Seafoods 3R L STEBBINS PhD Assoc Prof Ext Hort Spec Pomol 2D K LAW BS Assoc Prof Food Sci and Technol Sea-12MAXINE M THOMPSON PhD Asst Prof Hort Pomol foods 12S E WADSWORTH BS Assoc Prof Hort Flor 12M N WESTWOOD PhD Prof Hort Pomol Sails 8680 123H B CHENEY PhD Prof Soils and Head of Dept 12L L BOERSMA PhD Prof Soils Phys Information (Agr) 8640 3A C EBERT BS Assoc Prot Agr Inform Chmn 12M D DAWSON PhD Prof Soils Fert 3L J CALVERT BA Assoc Prof Ext Inform Spec 3E H GARDNER PhD Prof Soils Fert 2R L FLOYD BA Asst Prof Asst Expt Sta Ed 12T T FRANCE BS Asst Prof Asst Dir Pub 12M E HARWARD PhD Prof Soils Mineral Chem 12T L JACKSON PhD Prof Soils Fert 13MARY M HOLTHOUSE MHE Instr Home Econ Inform 3A SKINGMS Froi Land and Water Conserv 12E G KNOX PhD Prof Soils Classif 12D P MOORE PhD Prof Soils Plant Nutr 5R B PARSONS PhD Assoc Prof Soils Classif 3M N SHEARER MS Prof Irrig Crainage Spec 2R GMASON PhD Prof Expt Sta Ed 13W C REID PhD Prof Vis instr Spec 3R W SALISBURY BS Assoc Prof Ext Pub Spec 4C H SANDERSON BA Asst Prof Asst Expt Stg Ed 12G F. SIMONSON PhD Assoc Prof Soils Classif 3W C SMITH BS Assoc Prof Agr Ext and Educ Media 12V V VOLK PhD Assoc Prof Soils Chem 3J A VOMOCIL PhD Assoc Prof Soils Phys 5J L YOUNG PhD Assoc Prof Soils Chem Marine Biology Station (PO Box 197 Port Orford 97463) 12C T YOUNGBERG PhD Prof For Soils 12T GSCOTT PhD Prof Wildlife Ecol and Dir of Sta 12W J McNEIL PhD Assoc Prof Fisheries and Asst Dir 8690 Statistics 12L D CALVIN PhD Prof Statis and Head of Dept of Sta (503-754-3366) 2R C COURTRIGHT MS Instr Fisheries and Head of Sta 12DONALD GUTHRIE Jr PhD Prof Statis Marine Science Center 12N A HARTMANN Jr PhD Asst Prof Status 8648 (PO Newport 97365) 12CE LAND PhD Asst Prof Statis 12T G SCOTT PhD Prof Wildlife Ecol and Assoc Dir of 2Mrs HELEN M LOWRY BS Asst in Statis 12W P LOWRY PhD Assoc Prof Biometrol Center 12W J McNEIL PhD Assoc Prof Fisheries and Head of 12W S OVERTON PhD Prof Statis 12R G PETERSEN PhD Prof Statis Pacific Fisheries Lab 2W P BREESE MS Assoc Prof Fisheries 12R B FISHER MA Assoc Prof Fisheries 12H L SCHEURMAN MS Instr Statis 6C D SNOW MS Asst Prof Fisheries (Coop Fish Comm of Ore) Veterinary Medicine 8700 12K J PETERSON DVM BS Prof Vet Med and Actg Head of Dept 2J N ARMSTRONG DVM Res Assoc Instr Diagnosis

Microbiology 8650

12P R ELLIKER PhD Prof Dairy Microbiol and Head of Dept 12A W ANDERSON PhD Prof Food Microbiol

12W B BOLLEN PhD Prof Soil Microbiol 12J L FRYER PhD Assoc Prof Microbiol and Fisheries

12D A KLEIN PhD Asst Prof Indus Microbiol

5K C LU PhD Assoc Prof Soil Microbiol

12R Y MORITA PhD Prof Marine and Aquatic Microbiol

12L W PARKS PhD Prof Microbiol Physiol

12K S PILCHER PhD Prof Medical Microbiol

12W E SANDINE PhD Prof Dairy Microbiol

12R J SEIDLER PhD Asst Prof Microbiol Cytology

Poultry Science 8660

123GH ARSCOTT PhD Prof Poultry Nutr and Acta Head of Dept (503-754-2301)

3N L. BENNION MS Prof Emeritus Ext Poultry Spec

12P E BERNIER PhD Prof Poultry Genet

12R W DORMINEY PhD Asst Prof Poultry Sci Mat

12J A HARPER MS Prof Poultry Sci Turkeys 12J E PARKER PhD Prof Poultry Sci

Resident Instruction Administration 123W T COONEY MS Dean of Sch of Agr

IE C STEVENSON PhD Assoc Dean of Sch of Agrand Dir of Resident Instr

1R K FENDALL PhD Asst Dean and Head Adv Sch of Åаг

Water Resources Research Institute

Spec

8705

1R M ALEXANDER MA Dir WRRI 1W H BUCKLEY MA Asst Prof and Exec Secy WRRI

12J F BONE DVM MS Prof Vet Med Path

20 H MUTH DVM MS | Prof Vet Med Path

2J N SHAW DVM BS Prof Emeritus Vet Med 2D H SMITH DVM MS Prof Vet Med Diagnosis

2J O STEVENS DVM MS Asst Prof Vet Med Virol

123E M DICKINSON DVM MS Prof Vet Med Path

12J R HARR DVM MS Assoc Prof Vet Med Path 2D H FELFER DVM MS Asst Prof Vet Med Diagnosis 126S E KNAPP PhD Prof Vet Parasitol

2D E MATTSON DVM PhD Assoc Prof Vet Med Virol

3G E REYNOLDS DVM BS Assoc Prof Ext Anim Health

Branch Stations 8720

Central Oregon Expt Sta (PO Redmond 97756) 2M J JOHNSON PhD Supt and Assoc Prof Agron

Eastern Oregon Expt Sta (PO Union 97883) 12J A E McARTHUR PhD Supt and Prof Range Mgt and

Anim Husb 2B R ELLER MS Asst Prof Anim Husb

12FV PUMPHREY MS Assoc Prof Agron John Jacob. Astor Expt Sta (PO Astoria 97103)

2D W CLAYPOOL MS Asst Prof and Supt H B HOWELL BS Prof Emer

8720-8726 OREGON

Branch Stations-Continued	Forest Management—Continued
Klamath Expt Sta (PO Klamath Falls 97601)	24D P LAVENDER PhD Assoc Prof For Physiol
2A EGROSS MS Supt and Prof Agron	12W F McCULLOCH EdD Prof For Mgt
2G E CARTER MS Asst Prof Agron	12W P NAGEL PhD Assoc Prof Ent
Malheur Expt Sta (PO Ontario 97914)	12MICHAEL NEWTON PhD Assoc Prof For Mgt
2E N HOFFMAN BS Supt and Assoc Prof Agron	12WS CVERTON PhD Prof Stat
2L A FITCH MS Asst Prof Agron	12D P PAINE PhD Assoc Prof For Mgt
Mid-Columbia Expt Sta (PO Hood River 97031)	2R R REICHART DEd Prof For Educ
2W M MELLENTHIN MS Supt Prof Hort Pomol	12L L STREEBY PhD Asst Prof For Econ
G G BROWN Assoc Prof Emer	12C F SUTHERLAND PhD Assoc Prof For Mgt
5D L COYIER PhD Assoc Prof Plant Path	2R H WARING PhD Asst Prof For Mgt
2T J FACTEAU PhD Res Assoc Hort	12W P WHEELER PhD Prof For Mgt
2C Y WANG Res Assoc Hort	1R A YODER MF Prof For Mgt
2S Y WANG Res Ass∞ Hort	12C TYOUNGBERG PhD Prof Soils
2RWZWICK PhD Assoc Prof Ent	2J BUAERR PhD Asst Prof For Physiol
North Willamette Expt Sta (PO Aurora 97002)	
2L W MARTIN PhD Suptand Asst Prof Hort	Forest Products 8724
2W A SHEETS BS Senior Instr Hort	12E L ELLIS PhD Prof For Prod and Head of Dept
2R L TICKNOR PhD Prof Hort Ornam	2HARVEY AF PhD Assoc Prof For Prod Chem
	2G H ATHERTON MS Prof Mech Engin
Pendleton Expt Sta (PO Pendleton 97801)	
2C R ROHDE PhD Supt and Prof Agron	2W J BUBLITZ PhD Assoc Prof For Prod
M M OVESON MS Prof Emer Agron	2S E CORDER BS Assoc Prof Mech Engin
5R E RAMIG PhD Assoc Prof Soils	12R E CURRIER MS Assoc Prof For Prod
2D J RYDRYCH MS Asst Prof Agron	12L D ESPENAS MS Prof For Prod
Sherman Expt Sta (PO Moro 97039)	2R D GRAHAM MS Assoc Prof For Prod
2J T McDERMID BS Supt and Asst Prof Agron	2P E HYDE MS Asst Prof Mech Engin
Southern Or egon Expt Sta (PO Medford 97502)	2J W JOHNSON MS Assoc Prof For Prod
2P B LOMBARD PhD Supt and Prof Hort	2C J KOZLIK MF Asst Prof For Prod
2L G GENTNER PhD Prof Emer Ent	124R L KRAHMER PhD Assoc Prof For Prod
F C REIMER Prof Emer	2R H KUNESH MWT Instr For Prod
2P H WESTIGARD PhD Assoc Prof Ent	12M L LAVER PhD Assoc Prof For Frod Chem
2H H WHITE MS Prof Emer Agron	24W F LEHMANN MS Asst Prof For Prod
2J A YUNGEN MS Assoc Prof Agron	2R T LIN PhD Asst Prof For Prod
Squaw butte Expt Station (PO Burns 97720)	12M D McKIMMY PhD Assoc Prof For Prod
2R J RALEIGH PhD Supt and Prof Anim Nutr	23R O McMAHON PhD Assoc Prof and Wood Prod Mktg
2C L FOSTER Asst Prof Anim Sci	Spec
2E B RITTENHOUSE MBA Asst Prof Range Mgt	2D J MILLER MS Asst Prof For Prod
	2ANTON POLENSEK MS Inst Mech Lingin
2C B RUMBERG PhD Assoc Prof Agron	
5F A SNEVA BS Asst Prof Ronge Mgt	13A C VAN VLIET MS Assoc Prof and Wood Prod Ext
3W A CAMMUD DC Drot Rango Mat Emor	Spac
2W A SAWYER BS Prof Range Mgt Emer	Spec
Umatilla Expt Sta (PO Hermiston 97838)	
	Information (For) 8725
Umatilla Expt Sta (PO Hermiston 97838)	Information (For) 8725
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort	
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PED Assoc Plant Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq)	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PED Assoc Plant Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221)	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PED Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221)	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Ent Assoc Prof Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOU'NG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E G'LEARY MF Prof For Engin	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSYMUK PhD Ent Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Ent Assoc Prof Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fint 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSYMUK PhD Ent Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Fin Assoc Prof Fint 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5CON MINCRE PhD Assoc First Firel 5R G MITCHELL PhD Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOU'NG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Fin Assoc Prof Fint 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5CON MINCRE PhD Assoc First Firel 5R G MITCHELL PhD Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Adsoc Plant Genet 5G EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BCHDAN MAKSYMUK PhD Ent Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5DCN MINCRE PhD Assoc Frint Final 5D G MOORE PhD Soil Sci Assoc Prof Soils
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2A B BERG MS Prof For Mgt 2B C BLACK PhD Assoc Prof Wildlife Ecol	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L COPES PhD Adsoc Plant Genet 5G E DATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Ent Assoc Prof Ent 5R R MASON PhD Assoc Ent 5DON MINCRE PhD Assoc Frint Firel 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOU'NG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCFES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PLD Ent Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5CON MINCRE PhD Assoc First Firel 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORMIS PhD Res Chen
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'I.EARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCFES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HEIRMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSYMUK PhD Ent Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5DON MINCRE PhD Assoc First Frol 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORMIS PhD Res Chen 5P W OWSTON PhD Plant Pityths.
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCFES PhD Assoc Plant Genet 5G EDATERMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5ROHDAN MAKSYMUK PhD Ent Assoc Prof Ent 5M F MAPTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5DON MINCRE PhD Assoc First Firol 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORMIS PhD Res Chen 5P W OWSTON PhD Plant Physic. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mgt
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt Fhysiol	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 8726 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCEES PhD Assoc Plant Genet 5D L CCEES PhD Assoc Plant Genet 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD fint Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5DCN MINCRE PhD Assoc First Frol 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORHIS PhD Res Chen 5P W OWSTON PhD Plant Plyche. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mgt 5R H RUTH PhD Prin Silvic Assoc Prof For Mgt
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof Wgt 2A B BERG MS Prof For Mgt 2B BERG MS Prof For Mgt 4K K CHING PhD Asst Prof For Mgt For Mgt 4K K CHING PhD Prof For Mgt For Mgt 4K K CHING PhD Prof For Mgt For Mgt 12W K FERRELL PhD Prof For Mgt For Met	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA ESST ED 12GERTRUDE
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mut 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Mgt 2R K HERMANN PhD Assoc Prof For Met 2R K HERMANN PhD Assoc Prof For Mgt	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA Asst Ed 12GERTRUDE W MAHER MA ESST End 12GERTRUDE W MAHER MA ES
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RA YOUNG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 8723 12J R DIL WORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mgt 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Asst Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof Wildlife Ecol 2E F HOOVEN MS Assoc Prof Wildlife Ecol	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CEELS PhD Assoc Plant Genet 5C EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BCHDAN MAKSY MUK PhD Int Assoc Prof Ent 5M F MAPTIGNONI PhD Prin Microbiol Prof Ent 5M R MASON PhD Assoc Ent 5DCN MINCRE PhD Assoc Ent 5DCN MINCRE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORHIS PhD Res Chen 5P W OWSTON PhD Plant Physic. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2H G BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Met 2R K HERMANN PhD Assoc Prof For Ecol 12 F HOOVEN MS Assoc Prof Wildlife Ecol 12 HELGE IRGENS-MOLLER FhD Assoc Prof For Genet	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Loboratory \$6J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CCELS PhD Assoc Plant Genet 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BOHDAN MAKSY MUK PhD Int Amar Prof Ent 5M F MAPTIGNONI PhD Prin Microbiol Prof Ent 5M R MASON PhD Assoc Ent 5DCN MINCRE PhD Assoc Print Firel 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORMIS PhD Res Chen 5P M OWSTON PhD Plant Path Assoc Prof For Mgt 5R H RUTH PhD Prin Silvic Assoc Prof For Mgt 5R B RYAN PhD Ent Asst Prof For Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent Asst Prof For Ent 5K R SHEA PhD Supvr Res Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 273 287 29 B BERG MS Prof For Mgt 20 B BERG MS Prof For Mgt 21 C BLACK PhD Assoc Prof Wildlife Ecol 22 W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Mgt 2R K HERMANN PhD Assoc Prof For For Met 2R K HERMANN PhD Assoc Prof Wildlife Ecol 12 F HOOVEN MS Assoc Prof Wildlife Ecol	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CEELS PhD Assoc Plant Genet 5C EDATLEMAN PhD Assoc Firt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5BCHDAN MAKSY MUK PhD Int Assoc Prof Ent 5M F MAPTIGNONI PhD Prin Microbiol Prof Ent 5M R MASON PhD Assoc Ent 5DCN MINCRE PhD Assoc Ent 5DCN MINCRE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORHIS PhD Res Chen 5P W OWSTON PhD Plant Physic. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Prof For Mqt 5R B RYAN PhD Ent Assoc Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1R A YOU'NG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2H G BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Met 2R K HERMANN PhD Assoc Prof For Ecol 12 F HOOVEN MS Assoc Prof Wildlife Ecol 12 HELGE IRGENS-MOLLER FhD Assoc Prof For Genet	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CCFES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5EOHDAN MAKSYMUK PhD Lat Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5ECN MINCRE PRO Assoc Frint Firol 5H G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORRIS PhD Res Chen 5P W OWSTON PhD Plant Patyloc. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mgt 5R B RYAN PhD Ent Asst Prof For Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent Assoc Prof For Ent 5K R SHEA PhD Supyr Res Plant Path 5R R SILEN PhD Prin Plant Genet Assoc Prof For Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129CH STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mgt 2A B BERG MS Prof For Mut 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Mgt For Mgt 4K K CHING PhD Prof For Mgt For Met 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Mgt 2R K HERMANN PhD Assoc Prof For Ecol 2E F HOOVEN MS Assoc Prof For Mgt 2RUDOLF KANGUR MS Asst Prof For Mgt 2RUDOLF KANGUR MS Asst Prof For Mgt 2RUDOLF KANGUR MS Asst Prof For Mgt	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CCFES PhD Assoc Plant Genet 5G EDATHRMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5EOHDAN MAKSYMUK PhD Lat Assoc Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5ECN MINCRE PRO Assoc Frint Firol 5H G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORRIS PhD Res Chen 5P W OWSTON PhD Plant Patyloc. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mgt 5R B RYAN PhD Ent Asst Prof For Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent Assoc Prof For Ent 5K R SHEA PhD Supyr Res Plant Path 5R R SILEN PhD Prin Plant Genet Assoc Prof For Genet
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ 1RAYOUNG PhD Pres of Univ (Actq) 129C H STOLTENBERG PhD Dean of Sch of For and Dir of Lab (503-754-2221) 12R M KALLANDER MF Asst Dean of Sch of For 12D N BEVER MF Asst Dean of Sch of For 12D N BEVER MF Prof For Engin and Head of Dept 12J E O'LEARY MF Prof For Engin Forest Management 273 287 29 B BERG MS Prof For Mgt 20 B BERG MS Prof For Mgt 21 C BLACK PhD Assoc Prof Wildlife Ecol 22 W BROWN PhD Asst Prof For Mgt 4K K CHING PhD Prof For Genet 1P E CRAWFORD MBA Inst For 12W K FERRELL PhD Prof For Mgt For Met 2R K HERMANN PhD Assoc Prof For Mgt 2R K HERMANN PhD Assoc Prof For For Met 2R K HERMANN PhD Assoc Prof Wildlife Ecol 12 F HOOVEN MS Assoc Prof Wildlife Ecol	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MAHTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5C L CCFES PhD Assoc Plant Genet 5G EDATLEMAN PhD Assoc Fitt 5C T DYRNESS PhD Soil Sci Prof For Soils 5J F FRANKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci 5G M HARVEY MS Plant Path 5F R HERMAN MS Assoc Mensuration 5D M KNUTSON PhD Res Plant Path 5K C LU PhD Microbiol Asst Prof Soil Microbiol 5PCHDAN MAKSY MUK PhD fint Assic Prof Ent 5M F MARTIGNONI PhD Prin Microbiol Prof Ent 5R R MASON PhD Assoc Ent 5CON MINCRE PhD Assoc First Firel 5R G MITCHELL PhD Ent 5D G MOORE PhD Soil Sci Assoc Prof Soils 5E E NELSON PhD Plant Path Asst Prof Plant Path 5L A NORMIS PhD Res Chen 5P W OWSTON PhD Plant Physic. 5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mgt 5R B RYAN PhD Ent Asst Prof For Ent 5CHARLES SARTWELL MS Assoc Ent 5F H SCHMIDT MS Assoc Ent Asst Prof For Ent 5K R SHEA PhD Supyr Res Plant Path 5R R SILEN PhD Prin Plant Genet Assoc Prof For

USDA Forestry Sciences Laboratory-Continued

5R F TARRANT BS Prin Soil Sci Prof Soils

5C G THOMPSON PhD Prin Ent Prof For Ent

5J M TRAPPE PhD Mycol Assoc Prof Plant Path

5B E WICKMAN PhD Res Ent
5BRATISLAV ZAK PhD Prin Plant Path Prof For Path

PENNSYLVANIA

Colleges of Agriculture and Human Development and the Agricultural Experiment Station of The Pennsylvania State University, University Park 16802 (814-865-4700)

**Correge Staff 2Station Staff 3Extension Staff 4Leave of absence 5Coop USDA 6Coop USDI 9A-TR M-S Demonstrated by M-S Demonstr 9A-TR, M-S Program

8730

1J W OSWALD PhD Pres (814-865-7611)
1E F OSBORN PhD Vice Pres for Res (814-865-6331)

1W F CHRISTOFFERS BA Controller (8:4-865-1355)

129W I THOMAS PhD Assoc Dean and Assoc Dir of Sta (814-865-5419)

13T H PATTON MPA Assoc Dean and Dir of Agr Ext (814-865-0416)

12J K PASTO PhD Assoc Dean for Resident Educ (814-865-75211

12H R FORTMANN PhD Asst Dir of Sta and Regional Coord (814-865-5222)

12R F HUTTON PhD Asst Linof Sta (814-865-5419)

12R J FLIPSE PhD Actg Asat Dir of Sta (914-365-5419)

124R E SWOPE VMD | Asst Dean for Reprient Educ

13H J POORBAUGH MS Assoc Dir of Agr Ext (814-865-3.4E.5

13E J BROWN Phi Asset Littlet Ala Extror Fam Youth Community Leviphit (n.4-865-1465)

12H W THOELE Fin. Asset to Lean

12R H McALEXANDER PhD Coord Internatl Agr Devlpmt (514-365-4191)

13F C SNYDER PhD ligr of Short Courses and Asst in A m 1 kt (814-865-8301)

13M B ROCKEY MS Asst to Dir of Short Pourses and Agr Conf Coord (814-86%-9547)

1Mrs MYLA S WERT Admin Aide to Dean

1R J THOMAS BS In Chy Soil and For its Testing Lab (814-238-7966)

2H R MUTHERSBAUGH Supv Mushrour Test-Dom Facility

Agronomy-Continued

12L F MARRIOTT PhD Assoc Prof Soil Fert

25H G MARSHALL PhD Adjunct Assoc Prof Crop Brdg

12R P MATELSKI PhD Prof Soil Genesis

12H I. MATHEWS MS Res Asst Soil Tech

13% L. McCLELLAN PhD Assoc Prot Weed Control

13J H McGAHEN MS Instr Crop Brdg Ext 12G W McKEE PhD Prof Crop Econ

124ROJEH PENNOCK Jr PhD Assoc Prof Soil Genesis

12G W PETFECHN PhD Assoc Prof Soil Genesis

12R P PFEIFER PhD Assoc Prof Crop Brdg

12R W RANNEY PhD Asst Prof Soil Genesis 12A C RICHER PhD Prof Soil Fert

12M L RISIUS PhD Asst Prof Crop Brdg

12J S SHEINK MS Asst Prof Plant Brdg

12D V WALDINGTON PhD Assoc Prof Turf

12J B WASHKO PhD Prof Crop Prod

2J O YO UM MS Asst Prot Crop Prod (PC Landisville)

Animal Science

123T B KING PhD Prof and Head of Dept (814-865-1362)

12B R BAUMGARDT PhD Prof Anim Nutr

13L A BURDETTE MS Instr Beef Cattle Ext 12R L COWAN PhD Prof Anim Nutr

13J P GALLAGHER MS Asst Prof Horse Ext

12J L GOBBLE PhD Assoc Prof Swine 12L A HALLER BS Instr Beef Cattle

12E W HARTSOCK PhD Prof Anim Nutr

12V E HAZLETT Asst Swine

12T V HERSHBERGER PhD Assoc Prof Anim Nutr

12G R KEAN MS Assoc Prof Meats 12EMERY KECK Jr MS Instr Anım Nutr

12R L KIMBLE BS Adjunct Instr Large Animal Eval

13F L KREUZBERGER BS Asst Prof Sheep Ext

12T A LONG PhD Assoc Prot Anim Nutr

12T L MERRITT PhD Assoc Prof Sheep Horses

134FEN MORGAN BO - Assoc Prof Beef Cattle Ext 12R A PATTON BS - Res Asst Anim Sci

12A D PETERSON BS Res Asst Anim Nutr

12H R PURDY MS Assoc Prof Beef Cattle

12MICHAEL RUGH BS Res Asst Beef Cattle

12C S SHAFFNER Asst Sheep

12G W SHERRITT PhD Assoc Prof Swine

124J D SINK PhD Assoc Prof Meats

12J L WATKINS MS Instr Meats

12J F WHITING BS Asst Anim Sci 12L L WILSON PhD Assoc Prof Beef Cattle

13D E YOUNKIN MS Assoc Prof Swine Ext
12J H ZEGLER PhD Assoc Prof Meats

Agronomy

123J L. STARLING Phl. Prot and Head of Cept (814-865t. 4.)

12D E BAKERPhD Prof Soil Chem.

13) E BAYLOR PhD Prof Pusture and Forige Crops

12JEAN-MARC BOLLAG PhD Asst Prof Soil Microbiol

12R P BROWN MS Instr Com Brdg

130 S RHYWER FHD Prof Seeds Ext 12E J CIOLKOSZ PhD Asst Prof Soil Genesis

12R W CLEVELAND PhD Assoc Prof Crops Brdg

12R H COLE PhD Assoc Prof Internati Agron

12R L CUNNINGHAM PhD Asst Prof Soil Genesis 2W G DOWNS III MS Asst Prof Crop Prod (PO Rector)

12J M DUICH PhD Prof Turf
13J H EAKIN Jr MS Prof Soil Fert Ext

12J K HALL PnD Asst Prof Soils Chem

13J C HARPER II PhD Prof Turf and Ornam Crops Ext

12J D HARRINGTON PhD Assoc Prof Crop Prod

12N L. HARTWIG MS | Asst Prof Wes 1 Cor

13M R HEDDLESON PnI Prof Field Crops Ext

13W WHINECH PhD Prof Field Trop. Ext 12L DHCF: MAN BS As at Frod Agree

12A S HUNTER PhD Prof Soil Fert

12L J JOHNSON PhD Assoc Prof Soil Mineral 12M W JOHNSON Jr PhD Assoc Prof Crop Brdg

12L T KARDOS PhD Prof Soil Phys and Environ Sci 12G N KORMAN MS Instr Crop Brdg

Business and Personnel Services

123S I AUKER BA Head of Dept (814-865-3441)

123Mrs SARA K DeLONG Admin Aide for Pers

12R H LAUCK Asst for Res Acct 12G F McCCRKLE Ir Safety Off

13L R MILLER BA Asst for Agr Ext

Communications (Agr)

8760

8755

123) F SCHINAGL MS Head of Dept (814-865-5486)

12R S BEESE Asst Photog

12G D BENGTSON BS Asst Prof Agr Commun

13Mrs ELEANOR W BLAKELY MA Asst Ed Spec

13H A CAREY Jr MEd Asst Prof Ext Inf

13C O DOSSIN Jr BS Asst Visual Spec

123N E DOWLIN BS Asst Pub Ed

123Mrs NANNIE G FLICK Supvr Agr Commun 13W H FOLWELL III MA Assoc Prof Ext Inform

13G W GOSS MS Assoc Prof Agr Ext 13N H GOTWALT MS Asst Prof Agr Commun

13J C HATCH PhD Asscr Prof Agr Commun 13K G HAYES BA Asst Radio-TV Ed

13J W MacMILLAN BA Assoc Ed Spec

123J J McCLURE BA Staff Artist

13ELWOOD MINTZ AB Asst Prof Agr Commun 13ALICE M MURRAY BS Asscc Prof Home Econ Ext

13Mrs KAREN ANN RUGH BA Instr Ext Inform

13K F STEVENS BA Asst Prot Aar Commun 12G A Van HORN MA Assoc Prof Agr Journalism

Dairy Science Economics (Agr) and Sociology (Rural)—Continued 123D V JOSEPHSON PhD Prof and Head of Dept (814-13W R KRIEBEL PhD Asst Prof Agr Econ Ext 12S M LEADLEY PhD Asst Prof Rural Sociol 865-6152) 13D L ACE MS Assoc Prof Dairy Mgt Ext 125B F LONG MS Adjunct Instr Agr Econ (ERS) 13R S ADAMS PhD Prof Dairy Nutr Ext 12J P MADDEN PhD Assoc Prof Agr Econ 12J O ALMQUIST PhD Prof Dairy Reprod 12R H McALEXANDER PhD Prof Farm Mgt 12R P AMANN PhD Assec Prof Dairy Reprod 13H L MOORE MS Assoc Prof Agr Econ Ext 13H E NEIGH MS Asst Prof Consum Econ 13W P ANDERSON MS Asst Prof Dairy Cattle Ext 13C F BARNARD MS Assoc Prof Dairy Prod Ext 12A E BRANDING MS Asst Prof Dairy Cattle 12E J PARTENHEIMER PhD Assoc Prof Agr Econ 12C W PIERCE PhD Prof Agr Econ
12T S POLESKY BS Res Asst Agr Econ
13L V RUBRIGHT MS Asst Prof Agr Econ Ext (PO 12 J M BUCKALEW PhD Assoc Prof Dairy Mgt and Nutr 124W H CLONINGER PhD Assoc Prof Dairy Mgt 12W W COLEMAN II BS Asst Creamery Pittsburgh) 12E A DAY PhD Adjunct Prof Food Sci 12F S DIMICK PhD Assoc Prof Dairy Chem 12D J EASTER PhD Res Assoc Dairy Sci 12W A SCHUTJER PhD Assoc Prof Agr Econ 123W M SMITH Jr PhD Prof Rural Social 12Å P STEMBERGER PhD Prof Agr Econ 12R J FLIPSE PhD Prof Dairy Reprod 12R A STRUBLE BS Res Asst Agr Econ 13H C GILMORE MS Prof Dairy Records Ext 12E D GLASS PhD Asst Prof Dairy Prod 12J P KARR PhD Res Assoc Dairy Physiol 125R G STUBY MS Adjunct Instr Rural Sociol 124F J TELLEZ PhL Asst Prof Agr Econ 12Mrs THEOLA F THEVAOS BS Res Asst Rural Sociol 12P G KEENEY PhD Prof Food Chem 12D W THOMAS MS Asst Prof Rural Social 12J D THOMAS MS Instr Agr Econ 12E M KESLER PhD Prof Dairy Nutr 13J S TOOTHMAN MBA Asst Prof Agr Econ Ext 124MANFRED KROGER PhD Asst Prof Food Sci 12R D McCARTHY PhD Prof Dairy Chem and Physiol 12C E TROTTER PhD Prof Mktg 12KURCSH CSTOVAR MS Res Asst Food Sci 12STUART PATTON PhD Evan Pugh Res Prof of Agr 134A O VOIGT MS Assoc Prof Agr Econ Ext 13A D VOSE MBA Asst Prof Agr Econ Ext (PO Wilkes-13D N PUTNAM MS Prof Dairy Records Ext 12T J SEXTON Jr MS Res Asst Dairy Sci 13H E SHAFFER MS Prof Dairy Reprod Ext Barre) 12R H WARLAND PhD Asst Prof Rural Sociol 13W K WATERS MS Asst Prof Agr Econ Ext (PO Kittan-12P R SHELLENBERGER PhD Asst Prof Dairy Nutr nina) Mat 12Mrs FERN K WILLITS PhD Assoc Prof Rural Sociol 13L W SPECHT PhD Prof Dairy Brdg Ext 13L L YAGER MS Asst Prof Agr Econ Ext (PO Gettys-13S B SPENCER MAGE Assoc Prof Dairy Mgt Ext 12T Y TANABE PhD Assoc Prof Dairy Reprod 13J S TAYLOR MS Prof Dairy Cattle Ext Education (Agr) 8790 12H W THOELE PhD Assoc Prof Dairy Brdg 12D R McCLAY PhD Prof and Head of Dept (814-865-125M P THOMPSON Ph.D Adjunct Assoc Prof Dairy Sci 12J K VOGLMAYR MSc Res Assoc Dairy Physiol 12G H WATROUS Jr PhD Prof Food Sci 6581) 12FRANK ANTHONY PhD Assoc Prof Agr Educ 12S M CURTIS DEd Asst Prof Agr Educ 123H F DORAN MS Asst Prof Agr Educ 12H J HOERNER DEd Asst Prof Agr Educ Economics (Agr) and Sociology (Rural) 123L M DAY PhD Prof and Head of Dept (814-865-5461)
12W L BARR PhD Prof Farm Mgt 12N K HOOVER DEd Prof Agr Educ 12G Z STEVENS PhD Prof Agr Educ 12R C BEALER PhD Prof Rural Sociol
12C A BECKER PhD Prof Agr Bus Mgt 12R F STINSON PhD Assoc Prof Agr Educ 12K R BENNETT PhD Prof Agr Statis and Expt Sta Engineering (Agr) OORR Statis 123F W PEIKERT MS Prof and Head of Dept (814-865-7792) 13A K BIRTH MS Assoc Prof Agr Econ Ext 12R A ALDRICH PhD Prof Agr Engin
12P M ANDERSONMS Assoc Prof Agr Engin
12H D BARTLETT MS Prof Agr Engin 12G E BRANDOW PhD Prof Agr Econ 13J E BROCKETT Jr MS Asst Prof Agr Econ Ext (PO Lewistown) 12D C BEPPLER MS Asst Prof Agr Engin 12R M BUTLER BAE Instr Agr Engin 12W T BUTZ PhD Prof Agr Econ 13H T CAMPBELL MS Asst Prof Agr Econ (PO Erie)
13J R CARDENUTO MS Assoc Prof Rural Sociol Ext 13L S CLICK MS Assoc Prof Agr Engin Ext 13D R DAUM MS Asst Prof Agr Engin Ext 13A R GROUT MS Assoc Prof Agr Engin Ext
13B S HORNE MS Assoc Prof Agr Engin Ext
12G R KANN Asst Agr Engin 134W M CARROLL MS Assoc Prof Agr Econ Ext 13J G COOPER MS Asst Prof Farm Mgt Ext 12E W CCWARD Jr MS Asst Prof Rural Sociol 12D M CRIDER PhD Asst Prof Rural Social 12R A KEPPELER PhD Assoc Prof Agr Engin 13V E CROWLEY PhD Assoc Prof Farm Mgt Ext 120 A KIMMEL MS Assoc Prof Farm Mech 12W L KJELGAARD MS Assoc Prof Agr Engin 123H F DORAN MS Asst Prof Agr Econ Ext 13S A DUM PhD Assoc Prof Farm Mgt Ext 12D J EPP PhD Asst Prof Agr Econ 12J C FREY PhD Prof Land Econ and Dir of Inst for Res 13J A McCURDY MS Assoc Prof Agr Engin Ext 12N N MOHSENIN PhD Prof Agr Engin 12C T MORROW PhD Asst Prof Agr Engin on Land and Water Resources 12E A MYERS PhD Prof Agr Engin 125T F FULLER MS Adjunct Instr Agr Econ (ERS) 12S P E PERSSON PhD Assoc Prof Agr Engin 12M E SCHROEDER PhD Prof Agr Engin 12H B GAMBLE PhD Assoc Prof Agr Econ and Asst Dir of Inst for Res on Land and Water Resources 124M D SHAW MS Assoc Prof Agr Engin 13JOHN GAUSS BS Prof Agr Econ Ext 12K Q STEPHENSON MS Prof Agr Engin 12M C HALLBERG PhD Assoc Prof Agr Econ 12M A WITTMAN Asst Agr Engin 13D K HEASLEY PhD Instr Rural Social Ext 125W L HENSON PhD Adjunct Asst Prof Agr Econ (ERS) 13N H WOODING Jr MS Assoc Prof Agr Engin Ext 12R C HERRMANN PhD Assoc Prof Agr Econ 8810 123B F COON PhD Prof and Head of Dept (814-865-4622)
13L E ADAMS MA Prof Ent Ext 123 S HOLT PhD Assoc Prof Agr Econ 123R E HOWELL MS | Asst Prof Rural Social Ext 13F A HUGHES MS Prof Farm Mgt Ext
12J D JANSMA PhD Assoc Prof Agr Econ
12M F JOHN PhD Prof Rural Sociol
13W F JOHNSTONE MS Prof Agr Econ Ext 12DEAN ASQUITH MS Prof Fruit Ins (PO Arendtsville) 12A W BENTON PhD Assoc Prof Apic
13D L BIERLEIN MS Asst Prof Ent Ext and Pesticides

Coord

12W M BODE PhD Asst Prof Ent (PO Arendtsville)

12E A CAMERON MS Asst Prof Ent

13B W KELLY MS Assoc Prof Farm Mgt Ext 123L G KIZER MS Instr Agr Econ

PENNSYLVANIA 8810-8860

Entomology-Continued

13W W CLARKE Jr BS Assoc Prof Apic Ext

125E D ECKESS MS Adjunct Asst Prof Plant Pest Control

12C D ERCEGOVICH PhD Assoc Prof Chem Pesticides

13S G GESELL MS Prof Ent Ext 13S G GREEN MA Asst Prof Ent Ext (PO Philadelphia)

12A A HOWER Jr PhD Asst Prof Forage Ins

12G L JUBB Jr PhD Asst Prof Ent (PO North East)
12S K KHALIFA PhD Res Asst Ent

12K C KIM PhD Asst Prof Syst

12M:s IRENA MAJCHROWICZ PhD Res Asst Ent

13ARNOLD MALLIS MS Asst Prof Ent Ext

12R O MUMMA PhD Assoc Prof Chem Pesticides

12C W RUTSCHKY PhD Prof Morphol and Embryol

12 E SCHNEIDER MA Instr Ent

12ZANE SMILOWITZ PhD Asst Prof Ins Toxicol
12THOMAS SMYTH Jr PhD Assoc Prof Ins Physiol

12R J SNETSINGER PhD Assoc Prof Mushroom and Ornam Ins

13R C TETRAULT PhD Asst Prof Ent Ext

12W G YENDOL PhD Assoc Prof Biol Control

13H K ANDERS MS Asst Dir and Prof Agr Ext (814-865-5465)

13J W BERGSTROM MS Asst to Dir and Instr Agr Ext

134L H BULL DS Asst Dir and Prof Agr Ext

13W C COCHRANE MEd Asst Dir and Prof Agr Ext

13M R DEPPEN MS Asst Dir and Asst Prof Agr Ext

13M R LYNCH MS Asst to Dir and Assoc Prof Agr Ext

13E B TAIT MS Asst Dir and Assoc Prof Agr Ext

13F S ZETTLE MS Asst Dir and Asst Prof Agr Ext

13F E BORTZ BS Instr in Agr Ext and Asst State 4-H Club Ldr

13J A CONDO MS Asst Prof Agr Ext 13S K GARBER MS Asst Prof Agr Ext (PO Washington)

13W .. HALLEMAN MS Asst Prof Correspondence Courses

13CATHURINE F HOLT MEd Asst Prof Home Econ Ext and Asst State Home Econ Ldr

13C L HOWES MS - Asst Prof Agr Ext and Asst State 4-H Club Ldr

13L G JINKS MS Asst Prof Agr Ext and Chinn Ext Youth

13G W KFENER MS Asst Prof Aur Fixt (PO Clarion)

13FATELTA A KELLEY MEd - Aust Fro: Home Econ Ext an i A. st State 4-H Club Ldr

13Mr. JUYE E. KOHI. BS - Aust Prof Home Econ Ext and Asst State Home Econ Ldr

13R B LEWIS EdD Asst Prof Agr Ext and Asst State 4-H Club Ldr

13J A MACTALEK MEd - Asst Prof Agr Ext (PO Scranton)

13H MOON BC Abst Frof Aur Ext and Asst State 4-H Club Ldr

13SANDHA A MOOFE BS Asst Prof Agr Ext (PO Philadeiphia)

13P H B NORTON MS Instr Agr Ext (FC Huntingdon)

13J H HEYBURN MS - Abst Prof Agr Ext and Asst State 4-H Club Ldr

13MARY K RISSINGER MA Prof Home Econ Ext and Asst State Home Econ Ldr

13R B SCHLOOSEIR MEId Asst Prof Agr Ext (PO Meadv.lle)

13W L. SIPPLE Jr MS - Instr Agr Ext

13G H TEMPLE MS Asst Prof Agr Ext (PO Pottsville)

13F C TURNER MEd Asst Prof Agr Ext (PO Tunkhannock)

Farm Operations and Service

8830

12J B KISTLER BS Instr Agr Engin and Supt (814-237-384.)

Forest Resources, School of

12W W WARD DFor Prof and Dir of Sch (814-865-7541)
12O A SCHMIDT MF Assoc Prof For and Admin Asst to the Dir

FORESTRY AND WILDLIFE

13R C ALLISON MF Asst Prof For Ext 12F Y BORDEN PhD Assoc Prof Soil Phys 12T W BOWERSOX MS Res Asst Silvic

Forest Resources, School of-Continued

 $\textbf{13} R \ S \ \textbf{COCHRAN} \ \textbf{MS} \quad \textbf{Asst Prof For Mktg and Util Ext}$ (PO Ridgway)

12D R DeWALLE PhD Asst Prof For

14R W DOUGLASS MS Asst Prof For (PO Mont Alto)

12P E DRESS MS Asst Prof Biometrics

1T R DUNGJEN MF Instr For (PO Mont Alto)
13E P FARRAND MF Assoc Prof For Mgt Ext

12P W FLETCHER PhD Prof For Soils

12J L GEORGE PhD Assoc Prof Anim Ecol 12H D GERHOLD PhD Assoc Prof Plant Genet 124M K GODDARD DSc Prof For Mgt

12R J HUTNIK PhD Prof Plant Physiol

125R N JORGENSEN DFor Adj Prof For Prod

12B M KENT MS Instr For 125H W LULL PhD Adj Prof For Hydroi 12J A LYNCH BS Res Asst For

12L H McCORMICK MS Instr For

1D A MEAD MS Instr For (PC Mont Alto)

12R E MELTON MF Assoc Prof For Mgt and Dir Expt For 1H L MOSHER MF Asst Prof For Mgt ,PO Mont Alto) 12E H PALPANT BS Res Asst For

12L E RISHEL BS Res Asst For

125E J SCHREINER PhD Adj Prot For Genet

12R D SHIPMAN PhD Assoc Prof Weed Control

12R L SOLES MS Instr Plant Genet

12W E SOPPER PnD Prof Watershed Mgt 12C H STRAUSS MS Instr For Econ

1S S STUTZ MS Asst Prof Wildlife Tech (PO DuBois)

1K J SWISHER MF Asst Prof For Mgt (PO Mont Alto)

13D W TABER MS Asst Prof For Mktg and Util Ext (PO Tunkhannock)

12B J TURNER DF or Asst Prof For Mgt

13R G WINGARD MS Assoc Prof Wildlife Mgt Ext

12G W WOOD MS Instr Wildlife Mgt

WOOD SCIENCE AND TECHNOLOGY

12W K MURPHEY PhD Assoc Prof For Prod and Head of Dept (814-865-7423)

12R C BALDWIN MS Instr Wood Sci and Technol 12F C BEALL PhD Asst Prof Wood Phys

12P C KERSAVAGE MS Instr For Prod

8860

Horticulture 123D F. WALKER PhD Prof and Head of Dept (814-865-2571)

12R B BEELMAN PhD | Asst Prof Food Sci

12E L BERGMAN PhD Assoc Prof Plant Nutr

13A C BOTACCHI MS Asst Prof Hort Ext (PO Butler)

12J E BREWER Jr PhD Asst Prof Ornam Hort

12RICHARD CRAIG PhD Asst Prof Plant Brda

12R G CREECH PhD Assoc Prof Plant Brda 13J O DUTT MS Prof Veg Crops Ext

13P A FERRETTI MS Asst Prof Hort Ext

13R F FLETCHER MS Prof Veg Crops Ext

13W R FORTNEY PhD Assoc Prof Flor Ext 12PAUL GRUN PhD Prof Cytol and Cytogenet

123C W HAESELER PhD Assoc Prof Pomol and Ext Spec (PO North East)

124CHIKO HARAMAKI PhD Assoc Pref Ornam Hort

123A H HATCH MS Asst Prof Pom and Ext Spec

12R W HEPLER PhD Assoc Prot Plant Brdg

12F N HEWETSON PhD Prof Pomol (PO Arendts ville)

12C W HITZ PhD Prof Pomol
13G D KUHN PhD Assoc Prof Food Technol Ext
12J D MARTSOLF PhD Assoc Prof Agr Micrometeorol 12J W MASTALERZ PhD Prof Flor

124F J McARDLE PhD Assoc Prot Food Sc: 12R P MEAHL MS Prof Ornam Hort 12R A MILLER MS Instr Food Sci

12G T MURRAY BS Asst Pomol

12C J NOLL MS Assoc Prof Oler

13J R NUSS Jr PhD Asst Prof Crnan, Hort Ext

13C S OLIVER PhD Assoc Prof Ornam Hort Ext 12P B PFAHL PhD Assoc Prof Flor

134J K RATHMELL Jr MS Assoc Prof Flor Ext (PO Norristown)

1230 M RITTER PhD Frof Pomol and Ext Spec

12M H RUNNER MS Instr Hort

12C B SMITH PhD Prof Plant Nutr

8860-8880 PENNSYLVANIA

Horticulture-Continued	Veterinary Science-Continued	
12R F STINSON PhD Assoc Prof Hort	12R F GENTRY DVM PhD Prof Virol Poultry Dis	
12L D TUKEY PhD Prof Pomol	12P J GLANTZ PhD Assoc Prof Immunol	
12J W WHITE PhD Assoc Prof Flor 12D J WOLNICK MS Instr Hort	12STEPHEN GORDEUK VMD Assoc Prof Poultry Path 12L C GRIEL Jr VMD Instr Physiol Dairy Cattle	
12L J WOLNICK MS Instrinort	13S B GUSS VMD Prof Vet Sci Ext	
Pesticide Research and Graduate Study Laboratory 8862	12J F HOKANSON DVM Prof Vet Sci and Univ Vet	
12G P BARRON Jr PhD Prof Nutr and Food Safety and	12J F KAVANAUGH DVM Assoc Prof Vet Sci	
Dir (814-237-1496)	12D C KRADEL DVM Assoc Prof Anim Path	
12HERBERT COLE Jr PhD Prof Plant Path	12D M MURPHY DVM Asst Prof Lab Anim Med	
12C D ERCEGOVICH PhD Assoc Prof Chem Pesticides	12F A PANE VMD Instr Vet Sci	
12S K KHALIFA PhD Res Asst Entom	12W H PATTON DVM PhD Asst Prof Tissue Cult	
12D A KURTZ PhD Asst Prof Chem Pesticides	12HANSJAKOB ROTHENBACHER DVM PhD Assoc Prof	
12RO MUMMA PhD Assoc Prof Chem Pesticides	Histopathol	
12R R NELSON PhD Prof Plant Path	12R W SCHOLZ PhD Asst Prof Vet Sci	
12ZANE SMILOWITZ PhD Asst Prof Entom	13L D SCHWARTZ DVM Assoc Prof Vet Sci Ext	
12W G YENDOL PhD Assoc Prof Enton.	12ARIAN ZARKOWER DVM PhD Assoc Prof Immunochem	
D1 . D .1 1	Dairy Cattle	
Plant Pathology 8864	Miscellaneous 8872	
1234JAMES TAMMEN PhD Prof and Head of Dept (814-865-		
376.)	12VLADIMIR MICUDA MA Agr Libr	
12 J E AYERS PhD Asst Prof Dis Resist 12 J R BLOOM PhD Prof Root Dis Nematol	Human Development, College of 8874	
12J S BOYLE PhD Prof Plant Virol	1D H FORD PhD Dean (814-865-1428)	
12 S BOT LE PRO Prof Plant VIIII 12 L L CASTOR BS Res Asst Dis Resist	1F. V. ELLIS PhD Assoc Dean for Cont Educ and Assoc	
12HERBERT COLE Jr PhD Prof Biol Cont Dis Turf	Prof Public Health (814-865-1336)	
125R E HITE MS Adjunct Instr Epid Flor (ARS)	1LOUISE GENTRY PhD Assoc Dean for Undergrad	
125R A HYRE PhD Adjunct Prof Epidemiol	Educ and Stud Affairs and Prof Home Econ Educ	
123L R KNEEBONE PhD Prof Applied Mycol Mushrooms	(814-865-1424)	
12N L LACASSE PhD Asst Prof Plant Path and Air	1T R VALLANCE PhD Assoc Dean for Res and Grad	
Pollution	Instrand Prof Human Devlpmt (814-865-1428)	
12Mrs ROSLYN G LEVINE BS Res Asst Plant Path	1D.N.WALCHER MD Prof Human Devlpmt and Dir Inst	
12F H LEWIS PhD Prof Fruit Dis Control (PO	tor Study of Human Devlpmt (814-865-1428)	
Arendtsville)		
12F L LUKEZIC PhD Assoc Prof Forage Root Dis	Biological Health 8876	
12WILLIAM MERRILL Jr PhD Assoc Prof For Path	1M W RAFFEL PhD Prof Health Planning and Dir Div	
12W R MILLS PhD Prof Potato Dis	(814-865-3447)	
12P ENELSON PhD Prof Ornorn Dis	12G L BRINKMAN PhD Asst Prof Nutr Sci	
12R R NELSON PhD Prof Cer Path	IMARY C COLEMAN PhD Assoc Prof Expt Foods	
13L P NICHOLS MS Prof Ornam Dis Ext	1D & COURSIN MD Adjunct Prof Foods and Nutr	
13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext	12D H COX PhD Assoc Prof Foods and Nutr	
12T G PATTON Jr MS Res Assoc Applied Mycol Mush-	1Mrs HELEN A GUTHRIE PhD Assoc Prof Foods and	
Iooms	Nutr	
12S P PENNYPACKER MS Res Asst Epid For Poth	1Mrs MARY HAYTHORNTHWAITE MPH Asst Prof	
13D H PETERSEN PhD Prof Dis Deciduous Fruits Ext	Maternal and Child Health	
12L C SCHISLER PhD Prof Applied Mycol Physiol 12S H SMITH PhD Assoc Prof Virol (PO Arendtsville)	1RUTH L PIKE PhD Prof Foods and Nutr	
12R F STOUFFER PhD Assoc Prof Virol Fruit (PO	Community Development 8878	
Arendtsville)	1K A BAKER PhD Asst Prof Human Devlomt	
134C F TAYLOR PhD Prof Fruit Dis Ext	1TD FOSSIBA Instr Community Devlpmt	
12T A TOUSSOUN PhD Adj Assoc Prof Mycol	1W E FREEMAN PhD Prof Human Devlpmt	
12BARBARA L WHITE BS Res Asst Dis Ornam Plants	1DAVID GCTTLIEB PhD Prof Human Devlpmt	
12F A WOOD PhD Pro: For Path Air Pollution	1PBMEYERBA Asst Prof Econ Planning	
1234P J WUEST PhD Assoc Prof Applied Mycol Mushrooms	1J C MUNTONE EdD Assoc Prof Human Devlpmt	
	1W R STELLWAGEN PhD Prof Human Devlpmt	
Poultry Science 8866		
123KENNETH GOODWIN PhD Prof and Head of Dept	Individual and Family Studies 8880	
(814-865-3411)	1H B URBAN PhD Dir Div and Assoc Prof Human	
12G O BRESSLER PhD Prof Poultry Mgt	Devlpmt and Psychol (814-865-1447)	
12T W BURR BS Instr Poultry Sci and Mar Poultry Plant	1R W BORTNER PhD AssocProf Human Devlpmt	
12E G BUSS PhD Prof Poultry Genet	1J H BRITTON PhD Prof Human Devlpmt	
12H B GRAVES III PhD Asst Prof Anim Behavior 12E B HALE PhD Prof Anim Behavior	1C B BRODERICK PhD Assoc Prof Fam Relat 1SUSAN J COMET BS Instr Human Devlpmt	
13F W HICKS PhD Prof Poultry Sci Ext	1VLADIMIR De LISSOVOY PhD Assoc Prof Child	
13H C JORDAN MS Asst Prof Poultry Sci Ext	Devlpmt and Fam Relat	
1230 D KEENE PhD Asst Prof Poultry Sci Ext	12M GERALDINE GAGE PhD Assoc Prof Form Econ	
12R M LEACH Jr PhD Assoc Prof Poultry Nutr.	1Mrs JANICE C GEORGE MS Asst Prof Home Mgt	
12J H MacNEIL, PhD Assoc Prof Food Sci	1STELLA R GOLDBERG EdD Assoc Prof Child Devlpmt	
12W J MUELLER DSc Prof Poultry Nutr	and Fam Relat	
	1IRENE E HARMS PhD Prof Child Devlpmt and in chg	
Yeterinary Science 8870	Infant Devlpmt Group	
123A L BORTREE DVM Prof and Head of Dept (814-865-	1D B HARRIS PhD Prof Human Devlpmt	
7696)	1Mrs MARY W HICKS PhD Asst Prof Child Devlpmt and	
12M O BRAUNE PhD Asst Prof Immunol Poultry Dis	Form Relat	
12G R BUBASH BS Instr Microbiol Anim Dis	1D F HULTSCH PhD Asst Prof Human Devlpmt	
12H W DUNNE DVM PhD Prof Path Swine Dis 12R J EBERHART VMD PhD Asst Prof Physiol Dairy	1MARJORIE M KNOLL PhD Prof Home Mgt 1ANNE FLITTLE BS Instr Child Devlomt	
IZO LEGUDIAN EVIVIDADE ASSURIOI PRVSIOI DUITY		
The state of the s	1ANNE E LITTLE BS Instr Child Devlpmt	
Cattle	1ANNE E LITTLE BS Instr Child Devlpmt 1ADDREEN NICHOLS PhD Assoc Prof Fam Econ and	
The state of the s	1ANNE E LITTLE BS Instr Child Devlpmt	

Individual and Family Studies-Continued

IL JEANNE RIEBEL MS Assoc Prof Home Mgt and Household Equip

1Mrs ALETHA H STEIN PhD Asst Prof Human Devlpmt 1KATHERINE A STOOKSBURY MS Asst Prof Child Devlomt

1G F STOVER EdD Prof Human Devlomt 1CHARLES TAYLOR PhD Prof Human Devipmt
1Mrs SHARON F WOOD MS Instr Fam Econ and Home

Man-Environment Relations

8885

1R G STUDER Jr MArch Prof Environ Design and Dir Div (814-865-1467)

1Mrs AURELIA K ADAMS MEd Asst Prof Cloth and Text 1D H CARSON PhD Assoc Prof Environ Sci

12BARBARA E DENSMORE PhD Assoc Prof Cloth and

1Mrs MARGARET W HAGER MS Asst Prof Cloth and Text 1J A JONES PhD Prof Social Planning

1S M LEMBECK MCP Asst Prof Fam Housing

1L R ORKUS MS Instr Cloth and Text

1Mrs NAOMI A REICH MA Instr Cloth and Text

1Mrs PATRICIA RYCKEBUSCH BA Instr Human Devlpmt 1Mrs RUTH H SMITH MS Asst Prof Fam Housing and

Home Art 1AF TESI PhD Prof Cloth and Text

1D B VAN DOMMELEN MA Assoc Prof Fam Housing

1S D WHITE MS Instr Retailing

1Mrs MARY A ZENTNER MS Instr Cloth and Text

8890

13HELEN BELL MS Assoc Prof Home Mgt Ext 13Mrs RUTH J BUCK MS Asst Prof Foods and Nutr Ext 13LOUISE W HAMILTON MS Assoc Prof Foods and Nutr Ext

13CATHERINE B LOVE MS Asst Prof Consum Econ Ext 13MIRIAM E McGREW MA Assoc Prof Home Mgt Ext 13Mrs HELEN T PUSKAR MS Asst Prof Home Mot Ext 13Mrs CAROLYN R SCHROCK MS Asst Prof Home Mgt Ext

13J E VAN HORN MA Asst Prof Child Devlpmt and Fam Life Ext

13Mrs RUTH ANN WILSON MS Asst Prof Cloth Ext

Science, College of

Biochemistry

8900

1J H PAZUR PhD Prof and Head of Dept (814-865-1296)

12C O CLAGETT PhD Prof Biochem Lipids

12M F MALLETTE PhD Prof Biochem Microbiol

12R L McCARL PhD Asst Prof Tissue Cult

12J W SHIGLEY PhD Prof Plant Biochem

12H C WINTER PhD Asst Prof Photosynthesis

Biology 8904

1J G O'MARA PhD Prof and Head of Dept (814-865-45621

12ADAM ANTHONY PhD Prof Zool

12E D BELLIS PhD Assoc Prof Zool

12TIEN-HSI CHENG PhD Prof Zool

12E L COOPER PhD Prof Zool

12R F COSTANTINO PhD Asst Prof Genet

12R H HAMILTON Jr PhD Assoc Prof Physiol

12C S KEENER PhD Asst Prof Bot

12E W WICKERSHAM PhD Asst Prof Z∞l

12F H WITHAM PhD Asst Prof Physiol

1MERRILL WOOD MS Assoc Prof Zool 12J E WRIGHT Jr PhD Prof Genet

Microbiology

890R

1E H COTA-ROBLES PhD Prof and Head of Dept (814-865-3072)

12L E CASIDA Jr PhD Prof Microbiol Proc

1W F. CEGLOWSKI PhD Assoc Prof Immunol

1G W CLAUS PhD Asst Prof Bact Physiol

1D Y C FUNG PhD Asst Prof Microbiol

12D Z GRUBBS BS Instr Microbiol Proc

12W W KARAKAWA PhD Asst Prof Immunochem

12E S LINDSTROM PhD Prof Bact Physiol

12E H LUDWIG PhD Prof Microbiol Arbor Viruses

Microbiology-Continued

12CHRISTINE POOTJES PhD Assoc Prof Genet Microorganisms

12R W STONE PhD Prof Microbiol

12D R TERSHAK PhD Assoc Prof Enteric Viruses

12L N ZIMMERMAN PhD Prof Genet Microorganisms

Pennsylvania Cooperative Fishery Unit

8920

8925

126R L LUTLER PhD Asst Prof Zool and Unit Lar

Pennsylvania Cooperative Wildlife Research Unit

126J S LINDZEY PhD Adj Assoc Prof Wildlife Mgt 126C T CUSHWA PhD Adj Assoc Prof Wildlife Sci 126C R STUDHOLME BA Adj Asst Prof Wildlife Mgt

PUERTO RICO

Agricultural Experiment Station and Agricultural Extension Service, College of Agricultural Sciences, Mayaguez Campus, University of Puerto Rico, Rio Piedras 00928 (Main tel 809-765-6590)

2Station Staff **3**Extension Staff 1College Staff 4Leave of Absence 5Coop USDA 6Other Cooperators **7**Part Time 9A-TR, M-S Program

8930

123JAIME BENITEZ MA LLM Pres (765-6590)

123J E ARRARAS LLB Chanc (832-4040) **123SALVADOR ALEMANY** MA Dean (832-4040)

13E R ORTIZ MS Dir Agr Ext and Assoc Dean (765-8000) 12,J VICENTE-CHANDLER MS Dir Expt Sta and Assoc Dean (767-9705)

29FERDINAND SANCHEZ NIEVA MS Assoc Dir (767-9705)

2LIDY LOPEZ-MATOS PhD Phytopath and Asst Dir (767-9705)

2C G MOSCOSO MS Hort and Asst Dir (767-9705)

2H L OLIVER BSA Assoc Econ and Asst Dir (767-9705)

2,JOSE MURATTI MS Assoc Plt Brdr and Tech Asst to Dir (767-9705)

2Mrs NILSA DIAZ de ACIN MA Exec Asst (767-9705) 2RAUL PEDRAZA GONZALEZ JD Assoc Econ and

Actg Pers Off in Chg (767-9705)

2JOSE RODRIGUEZ RIVERA BBA CPA Finance Off (767-9705)

2R A SEGARRA BSCE Engin in Chg (767-9705) 2EDMUNDO SILVA TORRES MS | Econ in Chg Budget Sec (767-9705)

Agronomy and Soils

8940

2ERNESTO HERNANDEZ MEDINA PhD Agron Dir of Dept

2Miss NILSA M ACIN DIAZ MS Res Asst

2SEVERIANO ALERS ALERS MS Assoc Agron

2A G ALEXANDER PhD Phytophysiol

2F H BEINROTH PhD Asst Soil Sci 24EFRAIN BONETA MS Plant Brdg

2E J BRENES MS Assoc Soil Sci

2ADOLFO CRUZ MIRET BS Assoc Statis

24REINALDO del VALLE Jr BS Asst Agron 2H D DUBEY PhD Assoc Soi: Microbiol

12CARLOS GONZALEZ MOLINA PhD Plant Brdr 2ENRIQUE GONZALEZ TEJERA MS Assoc Agron

2 GEORGE JACKSON MS Assoc Soil Sci

2JAIME JORDAN MOLERO BS Res Asst

2ASHOK KUMAR PhD Asst Biochem

12H M LUGO MS Asst Prof and Res Asst

12M A LUGO LOPEZ PhD Soil Sci

12FAUSTO MARIOTA TRIAS MS Agron

2NELSON MARQUEZ LUGO BS Agron

2RAFAEL MONTALVO ZAPATA MS Asst Chem 2RAUL PEREZ ESCOLAR PhD Assoc Soil Sc:

2ROMAN PEREZ PEREZ BS Asst Agron

2NESTOR RAMOS BS Agron

2Miss RITA L RODRIGUEZ BS Res Asst

2GEORGE SAMUELS PhD Agron

2ALEJANDRO SANTIAGO BS Asst Agron

2A C SERRANO PEREZ BS Asst Agron

8940-9030 PUERTO RICO

Food Technology Laboratory—Continued Agronomy and Soil-Continued 2Mrs LYDIA M IGUINA de GEORGE BS Asst Food 2TARA SINGH DHALIWAL PhD Plant Brdr 2G L SPAIN PhD Assoc Agron Tech 2HENRI TALLEYRAND BS Res Asst 2Mrs LILIA A LEFEBRE de GONZALEZ BS Asst Food 2ANTONIO VELEZ RAMOS MS Asst Agron Tech 2J M RIVERA CRTIZ BS Res Asst 20 PARSI ROS BS Res Asst 8950 **Animal Husbandry** 2A J RODRIGUEZ BS ChE Chem Engin 24E J RODRIGUEZ SOSA BS Res Asst 2J D RIVERA ANAYA DVM Vet Dir of Dept 2J A ARROYO PhD Asst Nutr 2M C RUIZ MONTALVO BS Res Asst 2C M BERROCAL BS Assoc Bact 2HERMAN CESTERO BS Ass∞ Anim Husb 2DELFIN de LEON DVM Assoc Parasitol 2J C LOPEZ ALBERTY DVM Asst Vet Phytopathology and Botany
2JULIO BIRD PIÑERO PhD Phytopath and Dir of Dept 9000 24LUIS RIVERA BRENES PhD Anın Husb 2JOSE ADSUAR MIRO BS Phytopath Economics (Agr) and Sociology (Rural)
2G E PRINGLE PhD Econ Dir of Dept 2L A ALVAREZ MS Phytopath 8960 2HECTOR CIBES VIADE PhD Phytophysiol 2Mrs AMELIA CORTES MONLLOR BS Asst Bact 2Mrs MARIA del C FERNANDEZ PhG Assoc Nutr 2REINALDO CALERO BA Asst Sociol 2PALIMAR CHQUDHURY PhD Asst Econ 2L R COLLAZO SAINZ JD Assoc Sociol 2Mrs SOCORRO GAZTAMBIDE de URRUTIA MS Asst 2Miss ASTRID CONDE RAMIREZ BA Res Asst Chem 2JAIME GONZALEZ IBANEZ BS Asst Biol 2GABRIEL ESPINET MS Assoc Econ 2RAFAEL GARCIA CRIEGA MS Assoc Econ 2L C LIU PhD Asst Phytophysiol 2L J LIU PhD Phytopath 2SALVALOR GONZALEZ GARCIA BAE Res Asst 2EDGARDC GONZALEZ VILLAFAÑE MS Assoc Econ 2J H LOPEZ ROSA PhD Assoc Phytopath 2P L MELENDEZ PhD AsstPhytopath 2Miss JULIA F MIGNUCCI SANCHEZ BS Res Asst 2Miss MARIA I HERNANDEZ LOPEZ MA Res Asst 12LESLIE HERNANDEZ GONZALEZ MS Assoc Econ 2J E PEREZ OTERC PhD Bact 2Miss JOSEFINA SANCHEZ del MCRAL MS Asst Biol 2A A LLCRENS MS Assoc Econ 2FRANK MATTERN MA Asst Mktg Spec 2Miss WILMA MATOS CARDONA BA Res Asst 2M A TIO PhD Phytophysiol 2L R MULER MA Asst Sociol 2ROY WOODBURY MS Taxon 2Mrs LILLIAN RODRIGUEZ de ZAFATA MA - Asst Econ 2J E SANTINI MS Asst Econ 9010 2Mrs MARITZA RODRIGUEZ de SHERERTZ BS Res Plant Breeding 2JESUS VELEZ FORTUNO PhD Plt Brdr Dir of Dept Asst 2DANIEL VARGAS HERNANDEZ MS Assoc Econ 2HECTOR GANDIA BS Hort 24JAIME ZAPATA ACOSTA MA Assoc Econ 2S J HANG PhD Asst Plt Brdr 2HEBER IRIZARRY PhD Asst Plt Brdr 2WILLIAM PENNOCK MS Hort 8970 Engineering (Agr) 20 D RAMIREZ TORRES PhD Assoc Plt Brdr 2K G SHAMBULINGAPPA PhD Assoc Cytogenet 12J H RODRIGUEZ ARIAS PhD Prof Agr Engin and Dir of Dept 2P C SWEERE MS Asst Plt Brdr 12W F ALLISON PhD Assoc Prof Agr Engin 2Mrs ANYLTHA TORRES de SANTIAGO BS Res Asst 2MODESTO CAPIEL AMADEO PhD Assoc Soil Sci 2JCSE ORTIZ VELEZ MS BSCE Assoc Drainage 2NIILO VIRKKI PhD Cytogenet 12RENE OTERO DAVILA BSAE Asst Agr Engin 12A L PHILLIPS PhD Assoc Agr Engin 9020 Rum Pilot Plant 24R VAZQUEZ ROMERO PhD Imig Sci 2VICTOR RODRIGUEZ BENITEZ MS Chem Engin and 8980 Dir Entomology 2M E PEREZ ESCOLAR PhD Ent and Head of Dept 2J L AGUIARBS Asst Chem 2Mrs ZULMAIde AYALA MS Asst Chem 2Miss NELIA ACOSTA VILLEGAS BS Res Asst 2ALEJANDRO AYALA ALMOPOVAR PhD Assoc Ne-2AMADOR BELARDO YADOS MS Assoc Chem and Asst to Dir matol 2Mrs NIDIA H FERNANDEZ de MURPHY MS Ass∞ 2RAFAEL BONILLA ROBLES BS Res Asst 2P E FERKET MS Asst Ent Bact 2Miss DELIA FERNANDEZ MS Asst Chem 2Miss EDNA I MARRERO BS Res Asst 2Mrs ISABEL E MORELL de GONZALEZ BS Asst Chem 2J C GARCIA TUDURI MS Asst Ent 27Mrs CALIXTA SANCHEZ de TORRES NOYA BS Asst 24L F MARTORELL PhD Ent 2SILVERIO MEDINA GAUD MS Asst Ent Chem 2Mrs XICMARA RIVAS de BERDECIA BS Res Asst 2GERMAN SANTIAGO RIVERA MS Asst Chem 2 JULIAN ROLDAN MS Soil Chem 2 JESSE ROMAN TORO PhD Assoc Nematal 9030 Substations 2J A SINGMASTER III MS AsstChem ADJUNTAS SUBSTATION 2RAMON BCSQUE LUGO BS Assoc Agron in Chq 8990 2E G BONETA GARCIA BS Asst Hort Food Technology Laboratory 2M A GCNZALEZ RCMAN MS Assoc Food Tech and COROZAL SUBSTATION 2ANTONIC SOTOMAYOR RIOS PhD Assoc Plant Brdr Dir 2DANIEL ALCALA FRASQUERI BS Assoc Bact ın Cha 2J R BENERO BS Assoc Chem and Admin Asst 2J A RODRIGUEZ GARCIA BS Res Asst 2 JAIME VELEZ SANTIAGO BS Asst Agron 2Mrs MARIA L de BERRIOS BS Res Asst FORTUNA SUBSTATION 2Mrs CARMEN E BUESO BS Asst Food Tech 2ANIBAL TORRES SEPULVEDA MS Asst Hort in Chg 24ARTURO CEDEÑO MALDONADO MS Asst Hort 2L E CANCEL MS Food Tech 2H L CANCEL MASSANET MS Res Asst 2GUILLERMO COLOM COVAS BS Assoc Hort 24JUSTO LOPEZ GARCIA MS Asst Agron 2Mrs ALMA L COLLAZO de RIVERA Asst Chem 2VICTOR GODHEAU BSA Asst Agron 2J R CRUZ CAY MS Asst Food Tech 2RUBEN GUADALUPE LUNA BS Asst Hort 2BIENVENIEC MARTINEZ BS Asst Hort 2F H CRTIZ BS Asst Agron 24RAFAEL PEREZ PEREZ MS Asst Ent 2IVAN HERNANDEZ VIZCARRONDO BS ChE Asst 2ISMAEL REYES SOTO BS Hes Asst Chem Engin 2Mrs ANA G HUYKE de IRIZARRY BS Tech Asst 2SANTOS VALLE LAMBOY BS Asst Agron

PUERTO RICO 9030-9090

Substations—Continued Consultants and Technical Collaborators 9080 GURABO SUBSTATION 2RAFAEL ARCE PhD 2MANUEL SOLDEVILA PhD Assoc Nutr in Cha 2B G CAPO PhD 2ANGEL ACOSTA MATIENZO MS Assoc Agron 2M A MANZANO BS 2T L CHU MS Plant Brdr 2R E McDOWELL PhD 2S W METZ BS Res Asat 2ENRIQUE MOLINARY SALES BS 2J R MORCATE RICART MS Assoc Agron 2R W PEARSON PhD 2CESAR ORTIZ LUGO BS Agron and Admin Asst 2ANT ONIO RODRIGUEZ GEIGEL PhD 24ANGEL RODRIGUEZ CABRERA MS Agron
2J L SERAPION BS Asst Agron 2GUILLERMO SERRA PhD 2TEODORC SOTO BS 2S O VELEZ DELGADO BS Res Asst 2P J VAN SOEST PhD ISABELA SUBSTATION 2L B ORTIZ MS Agron in Chg **Extension Service** 9090 12RAUL ABRAMS de LEON PhD Plt Brdr 4B FIOL VILLALOBOS MS Assoc Dir Agr Ext 24JOSE BADILLO FELICIANOMS Asst Agron 3M SANTANA CRIADO BSA AssocDir Agr Ext 2J A BRAVO PEREZ BS Res Asst 3L A SUAREZ MSA Asst Dir Agr Ext 24CARLOS CRUZ RAMOS MS Res Asst 3J I FERNANDEZ MS Asst Dir Agr Ext 2RAFAEL GANDIA CAROMS Assoc Agron 3JOSE PINERO MS Asst to Dir Agr Ext 3J L ALCALA BSA Adm Asst 2F J JULIA BS Asst Agron 2RADAI MENDOZABARBOSA BSA Asst Agron 3RAMON BERROCAL MS Agr Prog 2ABAD MORALES MUNOZ MS Asst Plant Brdr 3M GONZALEZ PEREZ MS AsstDir Agr Ext 24AGRIPINO PEREZ LOPEZ MS Asst Agron 3ESTHER J P RODRIGUEZ MS Home Econ Prog Ldr 2CI.SAR RAMOS CARO BS Asst Agron 24FI:RNANDO RODRIGUEZ CARDONA MS Res Asst AGRICULTURAL AGENTS 3J E ABREU BSA Ext Agr Agt LAJAS SUBSTATION 3J IGARTUA ACEVEDO BSA Ext Agr Agt 12ISMAEL CARLO GARCIA MS Anim Husb and Prof 3L A SUAREZ ALFONSO BSA Ext Agr Agt Actq in Chq 3V GOMEZ ALMEYDA BSA Ext Agr Agt 24LUIS ALMODOVAR VEGAS MS Asst Agron 3 L A TOLEDO AMADOR BSA Ext Agr Agt 124ADOLFO ESCHENWALD HESS MS Agr Engin and Prof 3H RODRIGUEZ ARIAS BSA Ext Agr Agt 2RENATO IRIZARRY PAGAN BS Assoc Agron 3J A ARRACHE BSA Ext Agr Agt 2MILTON PEREZ ZAPATAMS Asst Agron 3R D ARZOLA MS Ext Agr Agt 12EDGARDO PRIETO MS Res Asst 3J A ATIENZA BSA Ext Agr Agt 24J A QUINONES MS Asst Plant Brdr 3A RIVERA AVEILLEZ BSA Ext Agr Agt 2GUMERSINDO RAMIREZ OLIVERAS BS Res Asst 3S RIVERA BAEZ BSA Ext Agr Agt 2ARIEL RAMIREZ ORTIZ Asst Anim Husb 3J A BALLESTER BSA Ext Agr Agt 2Mrs CARMEN T RAMIREZ BS Asst Agron 3J BBARCELO BSA Ext Agr Agt
3A MIRO BARNECET MS Ext Agr Agt 12P F RANDEL PhD Nutr and Assoc Prof 12MARCIAL RICO BALLESTER PhD Assoc Hort 3C COLON BERMIDEZ BSA Ext Agr Agt 12MANUEL ROJAS DAPORTA MS Anim Husb and Admin 3M AYALA BETANCOURT BSA Ext Agr Agt Asst 3 J A BONILLA BSA Ext Agr Agt 24GILBERTO ROSADO CARBO DVM Vet 3J MARTINEZ BONILLA Ext Agr Agt 2ADALBERTO VELEZ BAEZ BS Res Asst 3J IRIZARRY CAMACHO BSA Ext Agr Agt 3P A PEREZ CARDONA BSA Ext Agr Agt Units For Technical Services 9040 30 RAMOS CARO BSA Ext Agr Agt CENTRAL ANALYTICAL LABORATORY 4Mrs LUZ H GONZALEZ de CERVONI BSA Ext Agr Agt 2ALFONSO RIERA BS Chief Chem 3GR NAVAS CHABRAN BSA Ext Agr Agt 2Mrs SUSANA JULIA de LORENZI BS 3CRCIANCHINI BSA Ext Agr Agt Res Asst 2Mrs MARIA M LLINAS de OLIVER BS Res Asst 3A J ORTIZ CINTRON BSA Ext Agr Agt 2Mrs CARMEN M PEÑA de RAMIREZ BS Asst Chem 3I A CORDERO MS Ext Agr Agt 2MISS JOSEFINA RIVERA NUNEZ MS Assoc Chem 2GENEROSO SANTIAGO APONTE MS Res Asst 3J V CORDERO BSA Ext Agr Agt 3F SOTO CRUZ BSA Ext Agr Agt 3J L LEON CRUZ MSA Ext Agr Agt 3J TULIER CRUZ BSA Ext Agr Agr 2Mrs SARA VILLAFAÑE de COLOM BS Asst Chem LIBRARY 2Miss JOAN P HAYES MS Librarian IV in Cha 3N MENDEZ CRUZ BSA Ext Agr Agt PUBLICATIONS SECTIONS 3J E CUADRA BSA Ext Agr Agt ${f 2}{f A}$ S AMY BS Agron and Tech Ed in Chg 3J A VELEZ DELGADO BSA Ext Agr Agt $2\text{D} \text{ G} \text{ HALL MS} \quad \text{English Tech Ed}$ 3F EGOMEZ DIAZ MSA Ext Agr Agt 3M NIEVES DIAZ BSA Ext Agr Agt 3M ROLON DIAZ BSA Ext Agr Agt 2J A RAMOS BS Agron and Tech Ed STATISTICS 2MARIANO ANTONI BS Res Asst in Chg 3JO DOMENECH BSA Ext Agr Agt 2Mrs CARMEN CHAOde BAEZ MS Res Asst 3L M ELIZALDE BSA Ext Agr Agt 2Mrs ELEANOR FONTANET QUEVEDO BS Asst Statis 3N CONDE ESCOBAR BSA Ext Agr Agt 4M A COLON FERRER BSA Ext Agr Agt 3N F COLON FERRER BSA Ext Agr Agt Unit For Administrative Services 9050 SERVICES DEPARTMENT 3J BAEZ FIGUEROA BSA Ext Agr Agt 2M CGUEVARA MS Agron in Chg 3E CORA FLORES BSA Ext Agr Agt 2G J RIGAU BS Assoc Agron 3R MARTINEZ FLORES MSA Ext Agr Agt 3SERBULO FRANCESCHI MS Ext Agr Agr 2CARLOS RIVERA LOPEZ BS Agron 3E ALCALA FRASQUERI BSA Ext Agr Agt 3G MARTINEZ GARCIA BSA Ext Agr Agt Cooperative Projects 9070 3M CORDERO GARCIA BSA Ext Agr Agt SCHOOL OF MEDICINE 3V J GONZALEZ BSA Ext Agr Agt 6C F ASENJO PhD Biochem 3C CCLCN HERNANDEZ BSA 2Mrs MILKAE GONZALEZ de ANDINO BS Res Asst 3C EHERNANDEZ BSA Ext Agr Agt U. S. DEPARTMENT OF AGRICULTURE 3F ECHEANDIA INIGO BSA Ext Agr Agt 4R A PICO IRIZARRY BSA Ext Agr Agt 25FERNANDO ABRUÑA MS Soil Sci and Proj Leader 3R E IRIZARRY BSA Ext Agr Agt 3A DEL RIO JIMENEZ BSA Ext Agr Agt 25EDUARDO ALSINA MS Agron 25 RUBEN CARO COSTAS BS Assoc Agron 25 JACINTO FIGARELLA BS Chem 3N LCPERENA JIMENEZ BSA Ext Agr Agt 3R A COLON LATORRE BSA Ext Agr Agt 25JUAN JUAREZ Jr BS Soil Sci

PUERTO RICO 9090

Extension Services-Continued

3C LEBRON LEBRON BSA Ext Agr Agt 3PEDRO LEGUILLOU BSA Ext Agr Agt

3J M. LLINAS MS Ext Agr Agt 3R PIÑERO LOPEZ MS Ext Agr Agt

4E GONZALEZ LORENZO BSA Ext Agr Agt

4Mrs AURORA MENKINI de LUGO BSA Ext Agr Agt 3L A RIVERA MALDONADO BSA Ext Agr Agt

3 J C MÜNOZ MARCIAL BSA Ext Agr Agt

3C CARDONA MARQUEZ BSA Ext Agr Agt 3E VARGAS MARTINEZ BSA Ext Agr Agt

3V L MATIENZO BSA Ext Agr Agt

3W SANTIAGO MEDINA BSA Ext Agr Agt

3J MIRO MERCADO MSA Ext Agr Agt

3C SIERRA MORALES BSA Ext Agr Agt

3D CORA MORALES BSA Ext Agr Agr 3E SEDA MORALES BSA Ext Agr Agr

3P A ACOSTA NAZARIO BSA Ext Agr Agt

3J PAGAN NAVARRO BSA Ext Agr Agt

3G AMY NORAT BSA Ext Agr Agt

3E OCASIO BSA Ext Agr Agt

3C SANCHEZ OLMEDA BSA Ext Agr Agt

3IVAN ORDONEZ BSA Ext Agr Agt 3R CRTIZ ORTIZ BSA Ext Agr Agr

3C MANTARAS PABON BSA Ext Agr Agr 3L COLLADO PAGAN BSA Ext Agr Agr 3V GUILLOTY PEREZ BSA Ext Agr Agr

3H C PIETRI BSA Ext Agr Agt

3C FLORES PONCE BSA Ext Agr Agt
3CARLOS PURCELL BSA Ext Agr Agt

3J LOPEZ QUILES BSA Ext Agr Agt

3E MORALES QUIÑONES BSA Ext Agr Agt

3A LUGO RAMIREZ BSA Ext Agr Agt

3B J RAMOS REYES MS Ext Agr Agt
3J A MUÑOZ RIVERA BSA Ext Agr Agt

3J ORTIZ RIVERA BSA Ext Agr Agt

3J R TORRES RIVERA BSA Ext Agr Agt

3L MUNOZ RIVERA BSA Ext Agr Agt

3D L RODRIGUEZ BSA Ext Agr Agt 3J M RODPIGUEZ BSA Ext Agr Agr

3J SANTANA RODRIGUEZ BSA Ext Agr Agt

3J W HODRIGUEZ BSA Ext Agr Agt 3L S RODHIGUEZ BSA Ext Agr Agt

3L S RODHIGUEZ BSA

3M ORTIZ RODRIGUEZ BSA Ext Agr Agt

3V R RODRIGUEZ BSA Ext Agr Agr 3R VILA ROJAS BSA Ext Agr Agr

3F BARBOSA ROMAN BSA Ext Agr Agt

3E MERCADER ROQUE BSA Ext Agr Agt 3W VILLANUEVA ROSA BSA Ext Agr Agt

3V PEREZ RUIZ BSA Ext Agr Agt 3A L SAAVEDRA BSA Ext Agr Agt

3J L VALE SALINAS BSA Ext Agr Agt

3J I SANCHEZ BSA Ext Agr Agt
3M A SANCHEZ BSA Ext Agr Agr

3A VELEZ SANTIAGO BSA Ext Agr Agt

3J A CANTIAGO BSA Ext Agr Agt

4J REYES SANTIAGO BSA Ext Agr Agt

3R COLON SCHRODER BSA Ext Agr Agt

30 ACARON SEPULVEDA BSA Ext Agr Agt

3A T SIFONTES BSA Ext Agr Agt

3R A SNYDER MS Ext Agr Agt

3F ECHEVARRIA SOTO BSA Ext Agr Agt

3M R REYES SOTO BSA Ext Agr Agt

3R FUENTES SUAREZ BSA Ext Agr Agt

3R A TEXIDOR MS Ext Agr Agt

3E E TORC TORO BSA Ext Agr Agt

3A MARTINEZ TORRES BSA Ext Agr Agt

3A R TORRES BSA Ext Agr Agt

3B ORTIZ TORRES BSA Ext Agr Agt

3C B TORKES BSA Ext Agr Agt

3L A PADILLA TORRES BSA Ext Agr Agt

3MMCLINA TORRES BSA Ext Agr Agt
3D JIMENEZ TOSALO BSA Ext Agr Agr

3Mrs ARAMINTA MARTINEZ de VELEZ BSA Ext Agr

Aat

3C J TORRES VELEZ BSA Ext Agr Agt 3C C TORC ZAPATA BSA Ext Agr Agr

3 J LOPEZ ZAPATA MS Ext Agr Agt 3TEOBALDO MENDOZA BSA Ext Agr Agt

3SADOC RIVERA DETRES BSA Ext Agr Agt

Extension Services-Continued

3JOSE A BLONDET BSA_Ext Agr Agt

3CARLOS A GARCIA PEÑA BSA

3THOMAS J TREBILCOCK BSA Ext Agr Agt

3BESTITUTO DEYNES SOTO BSA Ext Agr Agt 3EFRAIN FIGUEROA PEREZ BSA Ext Agr Agt

3 FRANCISCO BLANCO MENA BS Ext Agr Agt

3ANTONIO APONTE TORRES BSA Ext Agr Agt 3PEDRO B VELEZ BSA Ext Agr Agt

EDUCATIONAL AIDS AND INFORMATION

3F TORO CALDER MA Assoc Ext Ed

3M OSUNA FERNANDEZ MA Ext Commun Ed

3E PIÑA MENDEZ Ext Pubs Ed

3R ACEVEDO MONTALVO MA Ext Vis Aids Ed

3Mrs ROSAEL ZAYAS de PIÑERO BSA Ext TV Ed

3M L CONDE THILLET MS Ext Inform Ed

3E CRIADO VALDIVIESO BSA Ext TV Ed

3Mrs DORIS LUIGI de VILA BSA Ext Inform Ed

HOME ECONOMICS

3LUZ C ALCOVER BA Ext Home Econ

3Mrs NELLIE M R de ALVARADO BS Ext Home Econ 3GLADYS A VALDES ALVAREZ BS Ext Home Econ

3Mrs ANTONIA SANCHEZ de AVILES BS Ext Home Econ

3Mrs MARIA L VARGAS de BERNAL BS Ext Home Econ

3Mrs NIVEA I C de BERRIOS BA Ext Home Econ

3GLORIA M CARRERAS BS Ext Home Econ

3Mrs IVETTE ALSINA de COLON MS Ext Home Econ

3Mrs AIDA E MARCUCCI de COSTA BA Ext Home Econ

3Mrs ADA I RIVERA de CRUZ BS Ext Home Econ

3Mrs ISABELITA RIOS de DELGADO BA Ext Home Econ

3EDNA L RODRIGUEZ DIAZ BA Ext Home Econ

3Mrs DORA E ALCALA de DIAZ BS Ext Home Econ 3Mrs PAQUITA TORRES de DIAZ BS Ext Home Econ

3Mrs PETRA GUADALUPE de DIAZ BS Ext Home Econ

3Mrs JOSEFINA RENTA de ESTREMERA MS Ext Home Econ

3Mrs IDA E RODRIGUEZ de FABRES BA Ext Home

3GEORGINA TORRES FIGUEROA BS Ext Home Econ

3CARMEN BAEZ RODRIGUEZ BS Ext Home Econ 3IRAIDA QUIÑONES GANDULLA BA Ext Home Econ 3DOLORES COLON GIRONA BS Ext Home Econ

3Mrs ANA CARABALLO de GONZALEZ BS Ext Home

3Mrs ANA M. D de GONZALEZ BS Ext Home Econ 4Mrs NORMA H C de HERMELO BS Ext Home Econ 3Mrs SONIA E QUINTANA de HERNANDEZ BA Ext

Home Econ 3Mrs LILLIAN GARCIA de IRIZARRY MS Ext Home

Econ 3Mrs CARMEN G DAVILA JIMENEZ BA Ext Home

Econ

3Mrs AIDA I MORALES de LOPEZ BA Ext Home Econ 3Mrs CARMEN P RUIZ de LOPEZ BS Ext Home Econ 3Mrs MARTA C CORONAS de LCPEZ BS Ext Home

Econ 3Mrs MILAGROS QUIÑONES de LOPEZ BS Ext Home

Econ

3MIS ANTONIA PRINCIPE de LOZADA BA Ext Home Econ

3Mrs GLORIA P De LYONS BS Ext Home Econ

3Mrs AIDA QUINONES de MALDONALO MS Ext Home Econ

3Mrs AIDA MEDIAVILLA de MARQUEZ BS Ext Home Econ

3Mrs IDALIA E FERNANDEZ de MARTINEZ BS Ext Home Econ

3LYDIA M MARTINEZ BA Ext Home Econ

3MARIA L MAYOL BA Ext Home Econ

Econ

3Mrs SONIA BORGES de MENDOZA BS Ext Home Econ 3Mrs CARMEN S RUIZ de MONZON BA Ext Home Econ

3MIS BLANCA E CHICO de MORALES BS Ext Home Econ 3Mrs CARMEN A BURGOS de MUNOZ BS Ext Home

160

Extension Services- Continued

3Mrs ELFREIDA SOTO de NAZARIO BA Ext Home Econ

3HILDA NAZARIO BA Ext Home Econ

3Mrs MERCEDES J MILAN de NAZARIO BA Ext Home Econ

3Mrs SCNIA M CAMACHO de ORTEGA BS Ext Home Econ

3FENNY RIOS PADIAL BA Ext Home Econ

3ROSA S PARKS BS Ext Home Econ

3Mrs ERMELINDA RODRIGUEZ de PEREZ BS Ext Home Econ

4LYDIA E AULI PEREZ BS Ext Home Econ

3Mrs LIGIA SEVILLANO de PESQUERA BS Ext Home Econ

3Mrs CARMEN M VAZQUEZ de PIÑERO BS Ext Home Econ

3GLORIA M TORRES PINTO BS Ext Home Econ
3Mrs JULIA JORDAN de PUIG BS Ext Home Econ

3Mrs EDDA G FERRER de RAMOS BS Ext Home Econ 3Mrs GLORIA M GIRAU de RAMOS BA Ext Home Econ

3IRIS C RAMOS BA Ext Home Econ

3JOSEFA PEREZ RAMOS BS Ext Home Econ

3MERCEDES LOPEZ RAMOS BA Ext Home Econ

4Mrs MIRIAM S de REINA BA Ext Home Econ 3NILDA APONTE RIEFKOHL BS Ext Home Econ

3Mrs ANA E MARCANO de RIVERA BS Ext Home Econ

3Mrs DHARMA MARTINEZ de RIVERA BS Ext Home Econ

4Mrs ONEIDA VELEZ de RIVERA BS Ext Home Econ 3Mrs MYRNA I RIVERA de PADRO BS Ext Home Econ

3Mrs ANTONIA PARDO de RODRIGUEZ BS Ext Home Econ

3Mrs ASELA FERRER de RODRIGUEZ BA Ext Home Econ

3CARMEN L RODRIGUEZ BS Ext Home Econ

3Mrs HDNA SANTANA de RODRIGUEZ BS Ext Home

3LEIDA RODRIGUEZ BA Ext Home Econ

3MARIA D CHUZ ROMERO BS Ext Home Econ

3Mrs ANA TRUIZ de SANCHEZBS Ext Home Econ

3Mrs IVONNE BURGOS de SANTIAGO BS Ext Home Econ

3CAMELIA TORRES SEPULVEDA BA Ext Home Econ 3Mrs SAFY V ROSALO de SEPULVEDA BA Ext Home Econ

3NELIDA SIMONS MS Ext Home Econ

3Mrs MARIA G CURBELO de TOLEDO BA Ext Home Econ

3SARA TOLECO TOLEDO BS Ext Home Econ

3DIANA LUGO TORO BS Ext Home Econ

3Mrs ANA E GARCIA de TORRE BS Ext Home Econ

3CARMEN T TORRES BS Ext Home Econ

3Mrs LUZ M TORRES de TORRES BA Ext Home Econ

3Mrs ANTONIA AROCHO de TOSADO BA Ext Home Econ

3DORIS DEL VALLE BS Ext Home Econ

3MARGARITA HERNANDEZ VALLEJO BA Ext Home Econ

3Mrs NELIDA MORALES de VEGA BS Ext Home Econ 3Mrs FLORENCE SANCHEZ de VILLANUEVA BS Ext Home Econ

3Mrs AIDA E PAGAN de RODRIGUEZ BS Ext Home Econ

3LIANA PASCUAL RODRIGUEZ BA Ext Home Econ 3Mrs MARIA V SERRANO de PEREZ BA Ext Home Econ 3NOEMI GUZMAN de VAZQUEZBS Ext Home Econ 3 ADELAIDA DIAZ GUADALUPE BS Ext Home Econ 3XIOMARA MONTALVO CAMACHO BA Ext Home Econ 3CARMEN YOLANDA CARRASQUILLO BS Ext Home Econ

3BRUNILDA ZAYAS RODRIGUEZ BS Ext Home Econ 3Mrs IRMA MARCUCCI de RIVERA BA Ext Home Econ 3IVELISSE BONILLA SANTOS BS Ext Home Econ 3BETSY LUGO LUGO BA

3CONCEPCION CENTENO YORDAN BA Ext Home Econ 3SONIA M PAOLI RIVERA BA Ext Home Econ

3ANA S CORA RIVERA BS Ext Home Econ

3 Mrs CARMEN A SANTANA de RIVERA BA Ext Home Econ

Extension Services-Continued

3SONIA M RIVERA GARCIA BS Ext Home Econ 3ESTHER RODRIGUEZ ORTIZ BA Ext Home Econ 3CATALINA FLORES RODRIGUEZ BA Ext Home Econ REGICNAL DIRECTORS

3J A SANTAELLA PONS BSA Ext Regional Dir

3P J OLIVENCIA MS Ext Regional Dir

3J B ECHEVERRIA MS Ext Regional Dir

3H MARTINEZ BSA Ext Regional Dir REGIONAL OFFICERS

4LUCRECIA GARCIA BS Ext Regional Off

3Mrs HAYDEE JIRAU de GONZALEZ MSA - Ext Regional Off

3ANA I HERNANDEZ BS Ext Regional Off

3Mrs NILDAORTIZ de MURIENTE BS Ext Regional Off

3Mrs NILDA DIAZ de ORTIZ MSA — Ext Regional C:f 3Mrs ROSITA LAGUILLO de ROSATIO MS Ext

SPECIALISTS

Regional Off

Ornam

3J I ANGLERO BSA Ext Spec Resource Devlpmt Ldr

3C BRYAN ARANA MS Ext Spec Ornam
3C GAZTAMBIDE ARPILLAGA PhD Ext Spec Dairy 13Mrs JOSEFINA ALTIERI de BAGSHAW MS - Ext Spec

3A T BERRIOS BSA Ext Spec Soil

13Mrs CARMEN T PESQUERA de BUSQUETS PhD Ext Spec Home Mat

3C A CALDERON MSA Ext Spec Dairy

3J A GONUALEZ CASILLAS MSA - Ext Spec Veg Mktg

3M J CASTANER BSA Ext Spec Field Studies

3Mrs CONCHITA DEITHOMAS MA Ext Spec Health

3H VALENTIN ESTEVES MS — Ext Spec Landsc Gard 3M GONZIALEZ FLORES MS — Ext Spec Ved Grops

3S HERNANDEZ GAYA BSA Ext Spec Field Crops

3C A GONZALEZ BS Ext Spec Form Structures Ldr

3J M INSERNI MS Ext Spec Poultry

3HILDA JIRIZARFY BSA 4-H Spec

3Mrs L E BRUGUERAS SANTISTEBAN BS 4-H Spec

3A COLOM LECAROZ BSA Ext Spec Ima

3R A ZAYAS LEON MS Ext Spec Farm Mat 3J M ORTIZ LUGO PhD Ext Spec Dairy

3V A COLON MARTINEZ MC Ext Spec Agr Engin 3J A MENDEZ MS Ext Spec Bus Mar

3C E APONTE MORAN MS - Ext Spec Hort Ldr

3J E MURIENTE MS Ext Spec Pasture and Forage 3MARCELINO MURPHY PhD | Ext Spec Field Studies

3C A TLM, ELLA MS — Ext Oped Livertock Beef 3J PAGAN PADRO MS — Ext Spec Swine

4V HERNANDEZ PENZOL MS Ext Spec Field Crops 4Mrs SILVIA LCPE7 de PEREZ MS Ext Spec Cloth 3L A POLANCE MS Ext Spec Bus Mut

34Mrs JUDITH F RAMIREZ MS Ext Spec Mktg Inform 3Mrs ANDREA VAZQUEZ de REYNA MA - Ext Spec Home Mgt

13R CHEVRES ROMAN PhI Ext Spec Hort

13J TORG ROSARIG MSA Ext Spen Hort

3L F MARTINEZ SAMDIN MA 4-H Spec Ldr 3C MALLONADO SIERRA BSA — Ext Spec Bural Elec 3F MIRANDA SIRAGUSA MS — Ext Spec Soil Fert Ldr

3M A TORRADO MS Ext Spec Dairy Mkta

3Mrs EDITH FIGUEROA de VALENTIN MS Ext Spec Feod and Nutr

3Mrs IVELISSE PADRO de VEGA MA Ext Spec Fam Life 3F COLBERG PAGAN MS Ext Esp Sugar Cane

13 JOHN H SANFIORENZO PhD Ext Spec Livestock Dairy

3J LASTRA ARACIL BSA Agr Engin Spec

3HUMBERTO A SOSA GONZALEZMS Ext Spec Form

4RAMON A RAMIREZ ROMAN MS Ext Spec Mktg SUPERVISORS

3FELIX ACOSTA MS Ext Dist Supvi

3P J ALGARIN MS Fxt Dist Supvi

3L LEFEBHE ALVARADO BSA Ext D:st Supvi

3 J B BALLESTER MS Ext Dist Supvr

3NELLIE DIAZ FERNANDEZ BS Supvi Home Econ

Prog 3N LOPEZ GARCIA MSA - Extinct Super 3B SALAS HERREPO MSA - Extinst Super

PUERTO RICO-RHODE ISLAND

Extension Services - Continued

3ANTONIA LOPATEGUI BS Supvr Home Econ Prog 3GALILEO LOPEZ MSA Ext Dist Supvi

3Mrs GLORIA MORALES de LASA BS Supvi Home Econ Prog

3NABOR MENDOZA BSA Ext Dist Supvr

3DORA M ORTIZ MS Ext Dist Supvr 3S R PUIG BSA Ext Dist Supvr

3Mrs ROSAURA FERRER de QUIÑONES MS Supvi

Home Econ Prog

3J CARO RAMOS BSA Ext Dist Supvr 3ERASMO RIVERA MS Ext Dist Supvr

3FERDINAND ROCHET BSA Ext Dist Supvr 3J A RODRIGUEZ MS Ext Dist Supvr

3Mrs MARIA M. GIL de ROURA MSA Supvr Home Econ Proa

3J FUENTES SUAREZ BSA Ext Dist Supvr 3F MATEO VAZQUEZ BSA Ext Dist Supvr 3E TORRES VELEZ BSA Ext Dist Supvr

3R ROURA TORRES MS Ext Dist Supvr

RHODE ISLAND

The Colleges of Resource Development and Home Economics, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Rhode Island, Kingston 02881

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 9A-TR, M-S Program

9120

123% A BAUM PhD Pres of Univ (401-792-2444)

1239J W COBBLE PhD Dean of Col of Res Devlpmt Dir of Sta Dir of Coop Ext Serv (401-792-2474)

12E P CHRISTOPHER PhD Assoc Dean of Col and Prof-Hort

1Mrs BEVERLY D CUSACK EdD Dean of Col of Home C

Econ (401-792-2244)

2E F PATRIC PhD Assoc Dir of Sta (401-792-2475)

3D F SHONTZ PhD Assoc Dir of Coop Ext Serv (401-

792-2476)

2Mrs ELIZABETH D RAFTANO Admin Asst 123N M SAGE PhD Coord of Res (401-792-2635) 123 J C O'CONNELL MS Vice Pres for Bus Affairs

Animal Pathology

12V J YATES PhD Prof Anim Path and Chmn of Dept (401-792-2064)

12P W CHANG PhD Prof Microbiol

1A H DARDIERI PhD Adj Prof

2DOROTHY E FRY BA Res Asst

2VENKATANARAYANA JASTY MS

123Mrs MARGARET E KIMBALL DVM Asst Prof

2Mrs SHIRLEY W LI MS Res Asst

10 C LIU MD Adı Prof

2LOUISE T MILLER MS Res Assoc Microbiol

12RICHARD WOLKE PhL Asst Prof

Animal Science

12L T SMITH PhD Assoc Prof Genet Status and Chmn of Dept (401-792-2477)

3J W ATWOOD MS Assoc Ext Prof Dairy Husb 12S H BLACKMAR Res Lab Tech

13C H COSGROVE MS Assoc Prof Dairy Technol

12W K DURFEE PhD Assoc Prof Poultry Physiol 123H G GRAY PhD Asst Prof Dairy Husb

12B W HENDERSON Jr MS Assoc Prof Anim Nutr

12R S HINKSON Jr PhD Asst Prof Anim Husb

123R I MILLAR MS Asst Prof Poultry Husb

12L E OUSTERHOUT PhD Assoc Prof Poultry Nutr

2D L POYTON BS Res Asst

12A G RAND PhD Assoc Prof Dairy Chem

2Mrs ELEANORE M WOOD Res Asst

9160 Editorial

1J N RIPPEY MS Agr Ed

1J J NAPOLI MA Asst Ed

12J E AUSTIN Vis Aid Tech

Extension Administration

3J W COBBLE PhD Dir

3D F SHONTZ PhD - Assoc Dir and County Agt Ldr

3K L COCMBS MA Assoc Prof and State Ldr 4-H Club

Fisheries and Marine Technology

1J C SAINSBURY PhD Assoc Prof and Chmn of Dept (401-792-2550)

1A J HILLER Aust Prof

1) A McCAULEY R3 Asst Prof

12% I MEADE Phi Asset Prof

1G A MOTTE | Asst Prof.

1R A WING Spec Asst

Food and Resource Chemistry

9170

9180

123MILTON SALOMON PhD Prof and Chrin of Dept (401-792-2466)

120 O CHICHESTER PhD Prof Biochem 12G T FELBECK PhD Prof Soils Cheir.

12H W GILBERT MS Asct Prof Feed and Fert

12C E OI NEY PhD Prof Pesticides and Lipids

2R H PIERCE Jr MS Res Asst 12K L SIMPSON PhD Assoc Prof Biochem

2G E ZAROOGIAN PhD Adj Assoc Prof

Forestry and Wildlife Management

9200

123W P GOULD PhD Assoc Prof and Chmn of Dept (401-792-23701

12J H BROWN DF Assoc Prof

12J J KUPA PhE Assoc Prof 1J L REGO MS Adj Prof

2P A SEHEMBETT BS Res Assoc

Home Economics

9210

1Mrs BEVERLY D CUSACK EdD Lean of Col (401-792-2244)

12Mrs CAROL AVERY MS Instr Text and Cloth 1MARY JANE BACON MS Assoc Prof Food and Nutr Sci

1Mrs STEPHANIE R BLECHARCZYK MS Instr Food and Nutr Sci

ILINDA LOU BLOOD MS Asst Prof Child Devlpmt and Fam Relat

2PHYLLIS T BROWN MS Asst Prof Food and Nutr Sci 12VIRGINIA V CARPENTER PhD Frof Text and Cloth 12SPIROS CONSTANTINIDES PhD Asst Prof Food and Nutr Sci

1Mr.: ELIZABETH W CRANDALL, PhD Prof and Chmn Pept Home Mgt

1H A DYMSZA PhD Prof and Chain Dept Food and Nutr Sci

1Mrs LUCILLE B FIELD BS Instr Child Devlpmt and Fan. Relat

IGEORGE FITZELLE PhD Prof Child Devlomt and Fam Felat

1MARION L FRY MA Assoc Prof Home Mgt 1DIANA K GOERTI MG Instr Home Mgt

1Mrs MABEL B GOSHDIGIAN MS Asst Prof Food and Nutr Sci

12DORIS HARABIN MS Asst Prof Text and Cloth 1Mrs MARY M JAMES MS Asst Prof Text and Cloth 1Mrs LOUISF, JENKS MeD Instr Food and Nutr Sci 1PHYLLIS JONES MA Instr Child Devlpmt and Fam

Relat 1Mrs PATHICIA S KELLY PhD Assoc Prof Home Econ Educ

1ROSEMARY E KOHUT MS Asst Prof Child Develomt and Fam Relat

1SYLVIA LAPIN MS Asst Prof Child Devlpmt and Fam Relat

1Mrs LOUISE W MacKENZIE MS Asst Prof Home Econ Educ

1Mrs DORIS L MAY MS Assoc Prof Home Econ Educ 1DOROTHY H MORELLI MEd Asst Prof Child Devlpmt and Fam Relat

IFRANCISKA NORING MS Instr Home Mgt

1KAREN SCHROEDER MA Instr Child Devlpmt and Fam Relat

Home Economics-Continued

1Mrs MOLLIE CMART PhD Assoc Prof Child Devlpmt and Fam Relat

1R C SMART PhD Prof and Chmn Dept Child Devlpmt and Fam Relat

1Mrs EETTIE STANISLAO MS Asst Prof Food and Nutr Sci

ISHIRLEY THOMAS MS Instr Text and Cloth

12RUTH E TUCKER PhD Prof Food and Nutr Sai 1Mrs LUCILE S VOTTA BS Asst Prof Child Devipmt

1Mrs PATRICIA C WEEDEN MS Asst Prof Text and Cloth

Plant and Soil Science

9220

123E C FOBERTS PhD Prof and Chinn of Dept (401-792-2791)

12C T BANNISTER BS Res Asst

12R S BELL PhD Prof Soils

and Fam Relat

1J W CADDICK MS Assoc Prot Lundre Design

12E P CHRISTOPHER PhD Prof Hort

2ALLAN CUMPS BS Res Au. t

23D T DUFF PhD Asst Prof Turf

12A E GRIFFITHS PhD Assoc Prof Veg Crops and Plant Brdg

12R J HINELE PnD Assoc Prof Omam

12R J HULL, PhD Assoc Prof Plant Nutr

12) A JAGSCHITZ MS Asut Prof Turf

12W E LARMIE MS Assoc Prof Flor

123J J McGUIRE PhD Asst Prof Ornam

12C G McKIEL MS Asst Prof Mech Agr
3J L PEARSON MS Pesticide Coord and Ext Ornam
23J E CHEEHAN MS Asst Prof Crop Prod

123RICHARD SHAW PhD Asst Prof Ornam

12V G SHUTAK PhD Prof Pomol
12C F CK GLEY PhC Prof Turf
23IRENE H STUCKEY PhD Assoc Prof Plant Physiol

12 C AAKEPIELD PhD Prof Agron

13P H WILSON MS Assoc Prof Mech Agr

2H I. WYMAN Res Asst

Plant Pathology-Entomology

23 JCROON FIELD Pho Asst Prof Ent and Actg Chmn of Dept

2C H RECKMAN PhD Prof Phytopath

12H D GOOS PhD Assoc Prof

2Mrs MARION HARRISON Res Asst

12F I HOWARD PhD Prof

12".GET. JA "KCON PhD Assoc Prof Phytopath 1A M KAPLAN PhD Adj Prof

123T W KERR PhD Prof Ent

24 ILI IAM MacHARDY MS Pes Asst

12W C MUELLER PhD Assoc Prof Virol

123G J STESSEL PhD Assoc Prof Nematol

10 M TARZWELL PhD Adj Prof USDI 2Mr. JANET. B WILCOX BA Res Asst

Resource Economics

9250

9240

12% J NORTON PhD Prof Marine Econ and Chmn of Lept (401-792-2471)

13) D PROMLEY MS Assoc Ext Prof Consum Educ 12J F FARRELL MS Res Assoc

21 M GATES PhD Asst Prof Marine Resources

2Mrs LUCY W GRIFFITHS AB Junior Asst Statis

2ANDREAS HOLMSEN PhD Prot Fisheries Econ

12H C LAMPE BS Prof Econometrics 123A L OWENS M. Assoc Prof Mktg

12: FANIS FAULAHA PhD Asst Prof Fisheries Econ 12: FANIS FAULAHA PhD Prof Prod Econ

124: A SPAULDING PhD Pro: Social

12% H WALLACE MS | Assoc Ext Prof Mktg

Miscellaneous

9260

IG B PARKS MA Libr

2G H GARDNER Met

3SYBIL D KAPLAN MPH Asst Prof Agr Ext 3EVELYN M LYMAN EdM Asst Ext Prof Home Mgt 3Mrs EVELYN V MASON MS Spec Text and Cloth

3Mrs FLITABETH W MUELLER MS Asst Prof Nutr

SOUTH CAROLINA

Clemson University, College of Agriculture and Biological Sciences, The Agricultural Experiment Station, and The Agricultural Extension Service, Clemson 29631

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 9A-TR, M-S Program

9270

TR C EDWARDS BS LLD Pres of Univ (803-656-3413, 803-656-3414)

12VICTOR HURST PhD Vice-Pres for Acad Affairs and Dean of Univ (803-656-3243)

1A E SCHWARTZ PhD Dean Grad Studies and Univ Res (803-656-3195)

123M A WILSON BS Vice-Pres for Bus and Finance (803-656-2420)

123W H WILEY PhD Dean of Col of Agr and Biol Sci (803-654-2421 Ext 320)

290 B GARRISON PhD Dir of Agr Expt Sta (803-656-3140, 803-656-3141)

1.1 % JONES Ph[) Dir of Res Instr (803-656-3013, 803-656-3014)

5C E BOYD DVM Dir of Livestock-Poultry Health Dept (PO Box 1771 Columbia, Tel 803-767-6820)

3W T O'DELL PhD Dir Ext Serv (803-656-3382)

11. H SENN PnD Dir Div Regulatory and Public Serv Prog (803-656-3006)

1R & GL THRIE PhD Dir Div of Biol (803-656-3411)

12W H D McGREGOR PnD Dean of Col of For and Recreation Resources (803-656-3302)

21 E HALPIN PhD Assoc Dir of Agr Expt Sta

3J Is COPELAND PhD Assoc Dir Ext Serv
3RI BY CRAVEN PhD State Lar Ext Home Econ Prog

3B L CUNNINGHAM MS State Lar Ext Spec Prog

3LP ANDERSON Ph.D. State L.dr Ext Acr Prog.

3D A SHELLEY BS Coord, Trng, Devlpmt, Recruitment

3Mrs MADGE W HARDY BS Asst to State Ldr, Ext Home Econ Prog

12P K GABLE Jr BS Admin Asst Agr Expt Sta and Res Instr

3G H BONNETTE BS Admin Asst Ext Serv

2G L !IARDY BS Agr Engin

12W P BY RD PhD Prof Expt Statis

12W E JOHNSTON PhD Asst Prof Expt Statis

12C B LOADHOLT PhD Asst Prof Expt Statis

2L E WARLICK BS Statis Res Asst

Agronomy and Soils

9280

123U S JONES PhD Head of Dept and Prof (803-656-3211)

3L R ALLEN PhD Assoc Ext Spec (cereal and forage)

3D A BENTON BS Assoc Ext Spec (tob) (PO Box 631 Florence 29501)

2C C CHEN PhD Visiting Asst Prof (clover cytogenet)

12G R CRADDOCK PhD Prof (soil mineral)

12E B ESKEW MS Assoc Prof (crop var eval)

5P B GIBSON PnD Res Agron (clover brdg and genet)

12B J GOSSETT PhD Assoc Prof (physiol weed sci)
12W D GRAHAM PhD Asst Prof (small grain brdg)
23L H HARVEY PhD Ext Spec (cotton)

IC M JONES PhD Prof (genet)

12M W JUTRAS PnD Assoc Prof (forage physiol)

12K S LAFLEUR PhD Ass∞c Prof (soil chem)

12J D MAXWELL, PhD Asst Prof (soybean ordg)

2E F McCLAIN MS Asst Prof (forage brdg)
2B C MORTON MS Agr Sci Asst (forage var eval)

3C N NOLAN PhD Ext Spec Prin Spec (weed sci)

3 J H PALMER PnD Assoc Ext Spec (soybeans)

3C L PARKS PnD Assoc Ext Spec (soil fert)

12T C PEITLE PhD Prof (soil pnys)

12C E RIECK PhD Asst Prof (soil microbiol)

3R LISTEPHENS MS | AsstExt Specificorn) (PO Box 271, Florence)

12 J P WOODRUFF PhD Asst Prof (soil fert)

Animal Science

9290

123R F WHEELER PhD Head of Dept and Prof (803-656-3426)

3C W ACKERMAN MS Assoc Ext Spec (swine)

Animal Science-Continued	Economics (Agr) and Sociology (Rurai) 9340
3L F CATOMS Assoc Ext Spec (beef cattle and horses)	123W J LANHAM PhD Head of Dept and Prof (803-656-
12R L EDWARDS PhD Assoc Prof (ruminant nutr)	3223)
1W C GODLEY PhD Prof (animal brdg)	IL M BAUKNIGHT MS Prof
12D L HANDLIN MS Asst Prof (swine prod)	12V A BOYDMS Assoc Prof (rural social)
12JR HILL Jr PhD Ass∞ Prof (animal brdg)	2T A BURCH MS Asst Agr Econ
12D R LAMOND PhD DVM Prof (reprod physiol)	SC P BUTLER MS Agr Econ
12 J C McCONNELL PhD Asst Prof (swine nutr)	12A B CARROLL PhD Assoc Prof
12R R RITCHIE MS Prof (beef cattle)	2D E CRAWFORD MS Assoc Agr Econ
12G C SKELLEY Jr PhD Assoc Prof (meats)	12RK DeHAVEN PhD Asst Prof
3J N WILLIAMS PhD Ext Spec Prin Spec (nutr)	12B L DILLMAN PhD Asst Prof
3 J F WISE MS Assoc Ext Spec (beef cattle)	23W I GOLDEN PhD Ass∞ Prof
	12J C HITE PhD Asst Prof
Biology, Division of 9300	12J W HUBBARD PhD Assoc Prof
) D. (D.) - (1000 CEC 2111)	30 W LLOYD MS Assoc Ext Spec Prin Spec (community
1R K GUTHRIE PhD Dir of Div and Prof (803-656-3411)	and resource devlpmt)
BIOCHEMISTRY SECTION	23 M I LOYD PhD Assoc Ext Spec (mktg)
1 J M SHIVELY PhD Assoc Prof and Chmn of Sect (803-	12J S LYTLE PhD Asst Prof
656-3452)	3J W McALHANY MS Ext Asst (mktg)
BOTANY SECTION	SU V McELVEEN MS Agr Econ
1C J UMPHLETT PhD Prof and Chmn of Sect (803-	2D L McLEMORE MS Econ Data Anal
656-3452)	2L D MALPHRUS PhD Assoc Prof
1R P ASHWORTH PhD Prof (plant morphol, cytol)	2J F MILES PhD Assoc Prof
1 JE FAIREY III MS Asst Prof (plant taxon, ecol)	23W O MIZELLE MS Ag Sci Assoc (mktg)
1A C MATHEWS PhD Prof (plant ecol, morphol)	5JENIX MS Agr Econ
1 J B WHITNEY Jr PhD Prof (plant physiol)	23 J F PITTMAN PhD Ext Spec Prin Spec (mktg)
MICROPIOLOGY CECTION	3M C ROCHESTER PhD Ext Spec Prin Spec
MICROBIOLOGY SECTION 1M J B PAYNTER PhD Assoc Prof and Chmn of Sect	3E W SIEDSCHLAG BS Asst Ext Spec (Mktg) (PO Box
(803-656-3452)	9504 Columbia 29201)
1Mrs ANN W BAXTER PhD Asst Prof (microbiol physiol)	23 L H SMITH MS Res Asst
	12H C SPURLOCK PhD Assoc Prof
1JH BOND MS Assoc Prof (gen bact)	12J M STEPP PhD Prof
ZOOLOGY SECTION	3M H SUTHERLAND MS Assoc Ext Spec (community
1A S TOMBES PhD Assoc Prof and Chmn of Sect (803-	and resource devipmt)
656-3202)	25J S TAYLOR BS Agr Statis (PO Box 4457 Columbia
1G W ANDERSON DVM Ass∞ Prof (histol, cytol)	29201) 12G R VON TUNGELN MS Assoc Prof
IW E BACHOP PhD Asst Prof (devlpmt zool)	25C H WHITWORTH BS Agr Statis (PO Box 4457
1E D BRODIE Jr PhD Asst Prof (herpetol, anim ecol)	
1S A GAUTHREAUX Jr PhD Asst Prof (ornith, anim	Columbia)
behavior)	3PS WILLIAMON MS Ass∞ ExtSpec
1Mrs RUTH L HAYS PhD Asst Prof (physiol)	Education (Agr) 9350
1R E MARE BS Assoc Prof (compar anat)	1L H DAVIS PhD Head of Dept and Prof (803-656-3300)
1W L TULLARD PhD Asst Prof (radiat biol)	
IM Y TO A WATER LINE ASSET FLOT flagger profit	1W C BOWENMS Assoc Prof 1E T CARPENTER EdD Assoc Prof
Chemical Services (Agr) 9310	1J A HASH EdD Asst Prof
12N K PAGE PhD Head of Dept and Prof (803-656-3172)	1F E KIRKLEY MS Assoc Prof
2J T GILLINGHAM PhD Assoc Chem	I L MINLEI MO ASSOCIIO
2W R McCASKILL MS Assoc Chem	Engineering (Agr) 9360
24 IT WOORDINED IND THAT OF CHEM.	123 A W SNELL PhD Head of Dept and Prof (803-656-3250
Communications (Agr) 9320	5) B COCKE BS Agr Engin SE Cotton Gin Res Lab
23R C HUBBARD Jr EdD Head of Dept and Ed, Ext	USDA
Spec Prin Spec (803-656-3261)	1J T CRAIG MS Asst Prof
2J M COX BA Ed Asst	2D G DICKSON MS Res Asst
3W B EARLE Jr Ext Artist	12T H GARNER PhD Prof
3L C HAMILTON MS Ext Inform Spec	5W E GARNER MS Agr Engin in Chg SE Cotton Gin Res
23J E KINGMAN BA Asst Radio TV Ed	Lab USDA
23ANN LEE McPHAIL BA Asst Radio TV Ed	23W P GLADDEN MS AsstExt Spec
3J R MATTISON BS Asst Radio Ed	3BARBARA GRIFFIN MS Assoc Ext Spec (housing)
23L W RILEY BJ Vis Instr Ed	3F H HEDDEN MS Ass∞ Ext Spec
3J H ROGERS BA Ass∞ Ex Ed	12C E HOOD PhD Assoc Prof
23Miss DORIS A TIMMERMAN MS Assoc Home Econ Ed	12J R LAMBERT PhD Assoc Prof
	12J T LIGON PhD Assoc Prof
	3HPLYNN MS Assoc Ext Spec
Dairy Science 9330	3M C McKENZIE BS Ext Spec Prin Spec
123W A KING PhD Head of Dept and Prof (803-656-3230)	3C V PRIVETTE MS Asst Ext Spec
2 G W BRANDT PhD Ass∞ Prof (dairy genet)	12M K RICHARDSON PhD Ass∞ Prof (Engin Mech)
12C C BRANNON BS Ass∞ Prof (dairy mgt)	12E B ROGERS Jr MS Assoc Prof
12W V CHALUPA PhD Assoc Prof (dairy nutr)	12B K WEBB PhD Ass∞ Prof
12 J F DICKEY PhD Assoc Prof (reprod physiol)	5J M WILLIAMS MS Agr Engin SE Cotton Gin Res Lab
3G E GRAMLING PhD Assoc Ext Spec (genet)	USDA
12J J JANZEN PhD Prof (dairy bact)	12T V WILSON MS Prof
2J W KELLY MS Asst Prof (dairy reprod)	
12J T LAZAR Jr PhD Prof (dairy plant mat)	Entomology and Economic Zoology 9365
2S L MOORE DVM Vet Area Supvr	123S B HAYS PhD Head of Dept and Assoc Prof (803-
3W L NORTHERN PhD Assoc Ext Spec Prin Spec	656-3112)

12T R ADKINS Jr PhD Prof (man and anim ins)
12G R CARNER PhD Asst Prof (ins path and biol control)
12R C FOX PhD Prof (for ins)
12E W KING PhD Prof (weather and ins)

(physiol)

2G D O'DELL PhD Asst Prof (dairy nutr)

3F E PARDUE MS Assoc Ext Spec (dairy nutr)

3C B REFVES MS Assoc Ext Spec (dairy plant mgt)

Entomology and Economic Zoology-Continued

3J B KISSAM PhD Assoc Ext Spec (Ent)

12H A LOYACANO PhD Asst Prof (warm water fisheries)

12R F NASH PhD Asst Prof (pecan and ornam ins)

3W C NETTLES MS Ext Spec Prin Spec

12RAYMOND NOBLET PhD Asst Prof (ins physiol)

12 | K REED PhD Prof (toxical and residues)

12T F SKELTON PhD Asst Prof (veg and apple ins)

3L M SPARKS MS Assoc Ext Spec (Ent)

3C A THOMAS Jr PhD Assoc Ext Spec (Ent)

15L GWEBB PhD LdrWildlife Mgt Res and Assoc Frof

Extension Service

9370

ADMINISTRATION

3CURTYS BALLENTINE MS Assoc Dist Agt

3Mrs BETTY B BERRY BS Assoc Dist Agt

3Mrs SARAH S KNOX BS Assoc Dist Agt 3G H LIEBENROOD MEd Dist Agt

3L B MASSEY BS Dist Agt

4-H CLUB

3GHBAKERBS State Ldr 4-H and Youth Devlpmt Prog 3E JOYCE RICHARDSON MS Asst Ext Spec (4-H Club

3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec (4-H Club Work)

3J TROGERSBS Assoc Ext Spec (4-H Club Work)
3J BWILLIAMSBS Ext Spec (4-H Club Work) Prin Spec

HOME ECONOMICS

3 VERONICA CARMACK MS Asst Ext Spec (home mgt) 3Mrs ROSE J DAVIS MS Assoc Ext Spec (nutr) (PO Box 271 Florence)

3Mrs MARIE S HINDMAN MS Ext Spec (nutr)

3URSULA A HOLAHAN MS Ext Spec (clothing)

3FRANCES H ODOM MA Ext Spec (housing) 3JULIA B TAYLOR MS Ext Spec (home furn)

9380

2JS EVANS BS Head of Dept and Agr Engin (803-656-

9390 Food Science

12W P WILLIAMS PhD Head of Dept and Prof (803-656-

12.1 C ACTON PhD Asst Prof (poultry and meat technol)

12R F BORGMAN DVM PhD Assoc Prof (nutr biochem)

12LYNN CROOK PhD Asst Prof (protein biochem)
12D M HENRICKS PhD Asst Prof (hormone, biochem,

endocrinal)

12J J JEN PhD Asst Prof (food biochem, photobiol)

12 J H MITCHELL Jr PhD Prof (food biochem) 12L E VEREEN PhD Asst Prof (food microbiol)

9400 Forest and Recreation Resources, College of

12W H D McGREGOR PhD Dean of Col and Prof (803-656-3302)

12R M ALLEN PhD Belle W Baruch Prof

3W J BARKER BS Ext Spec (For) Prin Spec 12M H BRUNER MF Assoc Prof

12B M COOL PhD Prof

2TE GAYLORD BSF Asst in For 2N B GOEBEL MF Assoc For

12C L LANE PhD Asst Prof

12KOLOMAN LEHOTSKY PhD Prof

3S A MARBUT BS Assoc Ext Spec

12L DREAMER MS Asst in For

12R E SCHOENIKE PhD Assoc Prof

12W A SHAIN PhD Assoc Prof 2A T SHEARIN MS Asst in For 12J R WARNER DF Prof 12T E WOOTEN PhD Asst Prof

Home Economics - Research (In Coop with Winthrop College, and located at Rock Hill, S C)

12RUTH L HOVERMALE PhD Dear School of Home Econ and Prof (803-328-5240)

12N R COVINGTON PhD Ass∞ Prof (fam and child devlpmt)

12H A HAMID PhD Assoc Prof (food and nutr)

12K C LAUGHLIN PhD Prof (text)

Home Economics-Research (In Coop with Winthrop College, and located at Rock Hill, SC)-Continued

12HELEN A LOFTIS DEd Prof (home econ educ)

12Mrs SARAH S MILLS Instr (food and nutr)

12Mrs KATHRYN S POWELL PhD Prof (fam and child devlomt)

Hortical ture 123 T L SENN PhD Head of Dept and Prof (803-656-3404)

23R A BAUMGARDNER PhD Assoc Ext Spec (food proc)

2J H CRAWFORD MS Asst Hort (spec crops, plant brdg)

23D O EZELL PhD Asst Ext Spec (oler)
3R J FERREE MC Ext Spec Prin Spec (pomol)

12JPFULMERMS Asst Prof (ornam)

12J R HAUN PhD Assoc Prof (plant environ relat)
3E V JONES MS Asst Ext Spec (ornam)

12C R JOHNSON PhD Asst Prof (flor)

12W S JORDAN PhD Asst Prof (pomol, brdg)

12F B LEDEBOER PhD Asst Prof (ornam, turf)

2J A MARTIN BS Assoc Prof (spec crops, plant brdg)

12W L OGLE PhD Prof (oler)

12H J SEFICK MS Assoc Prof (pomol, small fruits)

12E T SIMS PhD Assoc Prof (postharvest physiol)

12B J SKELTON PhD Assoc Prof (pomol, nutr)

12G E STEMBRIDGE PhD Assoc Prof (pomol and biomet)

1FW THODEMS Ass∞ Prof (ornam, landsc)

12L O VAN BLARICOM MS ChE Prof (proc)

Plant Pathology and Physiology

9435

123W M EPPS PhD Head of Dept and Prof (State Plant Path) (803-656-3450)

120 W BARNETT Jr PhD Asst Prof (forage legume path)

12L W BAXTER Jr PhD Prof (ornam path)

12N D CAMPER PhD Asst Prof (plant physiol)

5W M DOWLER PhD Plant Path (fruit path, bact, plant dis)

3R A FLOWERS PhD Assoc Ext Spec (plant path) (PO Box 271, Florence)

12G C KINGSLAND PhD Assoc Prof (small grain path)

3F H SMITH PhD Assoc Ext Spec (plant path)

12WESLEY WITCHER PhD Prof (forest path)

12E I ZEHR PhD Asst Prof (fruit path)

Poultry Science

9440

123B D BARNETT PhD Head of Dept and Prof (803-656-3163)

2B W BIERER DVM Prof and Lab Dir /PC Box 1771 Columbia 29201)

12M A BOONE PhD Prof (avian physiol of reprod)

12J B COOPER MS Ass∞ Prof (mgt)

12J E JONES PhD Asst Prof (avian physiol, nutr)
3C F RISHER BS Assoc Spec Poultry Sci

(PO Box 378 York 29745)

12JUAN SOLIS PhD Asst Prof (avian microbiol)

3T C STEWART BS Assoc Ext Spec

12D ETURK PhD Assoc Prof (nutr, biochem)
3W S WALKER ME Assoc Ext Spec (Poultry Sci) (PO Box 1771 Columbia)

Regulatory and Public Service Programs, Division of

1L H SENN PhD Dir of Div (803-656-3006)

FERTILIZER INSPECTION AND ANALYSIS 1H V ROGERS MS Head of Dept (803-656-3171)

1DOROTHY BROCK BS Asst Chem

1E E LESLIE BS Assoc Chem
1MARY L McCRACKEN BS Asst Chem

SEED CERTIFICATION

1R H GARRISON BS Head of Dept and Assoc Plant Brdr (803-656-3004)

1JOBLACK MS Asst Agron

1R A JAMESON MS Asst Agron

PLANT PEST REGULATORY SERVICE

1L H SENN Jr PhD State Ent and Supvr (803-656-3006)

1D M GAYDON MS Ent Asst

13F J HOWARD Jr MS Dist Ent and Asst Ext Spec

IV H McCASKILL MS Ent Asst 14J E McDONALD BS Ent Asst

ILR MORGAN BS Dist Ent

1D C WEEKS MS Dist Supvr

Miscellaneous Home Economics 1J W G GOURLAY AMLS Dir of Libr 1Mrs ANNABELLE'S SHERMAN PhD Dean of Home Econ (803-534-6560 Ext 242) 1Mrs MIRIAM M ABERNATHY PhD Prof Food and Nutr Substations 9480 Edisto Expt Sta (PO Box C (247) Blackville 29817 803-TAMELIA E ADAMS MS - Assoc Prot Cloth and Tex 4WILHELMINA FUNCHE'SS MS Assoc Prof Home Econ 2D F COHOON PhD Supt and Prof Bot and Bact TELOISE L MORRIS MS Itinerant Tohr Educ Home Econ 2W A BALK BS Assoc Agr Engin 2C W BLACKMON PhD Asst Prof Bot and Bact 1Mrs OSCAROLA M PITT MS Asst Prof Child Care and 2M G HAMILTON PhD Assoc Prof Hort Devloint 2M B HUGHES PhD Prof Hort 1ETHEL II SMITH MS | Assoc Prof Cloth and Tex 2H L MUSEN PhD Prof Agron 1Mrs SARA A WAYMER MS Asst Prof Foods and Nutr 1OPHELIA C WILLIAMS MS Assoc Prof Home Econ 2R F SUMAN MS Assoc Prof Agron 2S G TURNIPSEED PhD Assoc Prof Ent 2S G WOODS BS Asst Anim Sci Pee Dee Expt Sta (PO Box 271 Florence 29501 803-662-3526) 2J B PITNER PhD Supt and Prof Agron SOUTH DAKOTA 5H RAGEE PhD Res Ent 5NORMAN ALLEN MS Res Ent The College of Agriculture and Biological Sciences. 2J G ALPHIN PhD Assoc Prof Agr Engin College of Home Economics, Agricultural Experiment Station, 50 W BEALE MS Res Soil Sci and Cooperative Extension Service of South Dakota State 5ROBERT CAMPBELL MS Res Soil Sci University, Brookings 57006 (Main tel 605-688-4151) 5T W CULP PhD Res Agron 2R E CURRIN MS Asst Prof Agron
5L A DFAN PhD Res Soil Sci Dir SWCS 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 5C W DOTY MS Agr Engin 9A-TR, M-S Program 2J A DURANT PhD Asst Prof Ent and Zool 5Z T FORD BS Asst Agron 9500 5T W GRAHAM PhD Path 25D C HARRELL BS Assoc Agron 1H M BRIGGS Phd Pres of Univ (605-688-4111)
129D C ACKER PhD Dean of Col of Agr and Biol Sci and-5A R HOPKINS MS Ent Dir of Agr Expt Sta (605-688-5131) 2A W JOHNSON PhD Asst Prof Ent 2A L MUSSON PhD Assoc Dir of Expt Sta (605-688-5F L LONG Res Soil Sci 2ALFRED MANWILLER PhD Assoc Prof Agron 1B L BRAGE PhD Assoc Dean and Dir of Resident 5R F MOORE PhD Ent Instr (605-688-5133) 3J T STONE DPA Dean of Ext (605-688-4147) 2R M HOWARD MS Dir Inst of Biol Sci 5D CREICOSKY PhD Res Soil Sci 5S H ROACH PhD Res Ent 5H M TAFT PhD Res Ent Invest Ldr 1D A EDDY MS Asst Dir of Resident Instr 1W A BL GG MS Dir of Finance Sandhill Expt Sta (PO Box 1771 Columbia 29202 803-787-6820) 12W L TUCKER PhD Sta Statis 2THEODORE HAUGE BS Supt 2ALBERT DITTMAN BS Supt (PO Eureka) 2W H RHODES BS Supt 2C E GAMBRELL Jr MS Asst Hort Truck Expt Sta (PO Box 3158 St Andrews Br Charleston 5C J ERICKSON BS Supt (PO Newell) 29407 803-766-3761) 2W R SITTERLY PhD Supt and Prof Plant Path **Animal Science** 12C S MENZIES PhD Prof and Head of Dept (605-688-5165) 2W CBARNES PhD Prof Hort 3B J BONZER MS Ext Poultryman
12L F BUSH PhD Assoc Prof Sheep 5J V BELL MS Microbiol 3W P COOK MS Asst Ext Spec (Hort) 5C S CREIGHTON BS Res Ent 12C W CARLSON PhD Prof Nutr and Ldr Poultry Res 5AUGUSTINE DAY MS Ent and Ext Sect 5J A ONSAGER PhD Res Ent Invest Ldr 3A L PADGETT MS Assoc Area Agt (community and 12W J COSTELLO PhD Asst Prof Meats 3F W CRANDALL BS Ext Livestock Spec 12C A DINKEL PhD Prof Anim Brdg resource devlpmt) 12L R DUNN BS Asst Swine 3C W THOMPSON MS Assoc Area Agt (ornam) 12L B EMBRY PhD Prof Anim Nutr 2F E GARTNER PhD Assoc Prof Range 1D H GEE MS Asst Livestock South Carolina State College, Orangeburg 29115 2EDMUND GUENTHNER MS Instr Poultry Physiol (Main tel 803-534-6560) 2A J HERNDON BS Supt Range Field Sta (PO Cotton-(boow 1College Staff 3Extension Staff 4Leave of Absence 12C E HOLMQUIST BS Asst Poultry 12L D KAMSTRA PhD Prof Anim Nutr 9490 12W J KOESTER BS Asst Sheep 12P H KOHLER PhD Prof Livestock IM M NANCE Jr MS LLD Pres 1AS BELCHER PhD Vice Pres for Academic Affairs 12WILLIAM KOHLMEYER MS Prof Poultry Mktg and Econ IR I. HURST PhD Dir of Res Planng and Develpmt 3L J KORTAN MS Ext Livestock Spec 111 A JENKINS MEd Bus Mgr 12J K LEWIS MS Assoc Prof Range 12G % LIBAL MS Instr Swine 3BARBARA J WILLIAMS MSLS Head Libr 2H M LUTHER PhD Assoc Prof Animal Nutr 12J W McCARTY MS Assoc Prof Swine Brdg 9492 12W C McCONE MS Assoc Prof Beef Cattle
3J A MINYARD MS Ext Livestock Spec
12: C MORGAN PhD Prof Genet 1L C DeCOSTA PhD Dean of Sch of Agr (803-534-6560 Ext 266) 1GABE BUCKMAN EdD Prof Agr Engin 3J J O'CONNELL BS Ext Livestock Spec 4L G CHAVOUS MS Asst Prof Poultry Sci 12W R PARKER MS Asst Anim Brdg
123P E PLUMART MS Asst Prof Genet and Ext Poultryman 1CECIL D CLAWSON MS Asst Prof Dairy Sci 1J B EPPS MS Assoc Prof Anim Husb

12 1 FLOR PhD Asst Prof Reprod Physiol
2H LOCABEL MS Asst Beef Cattle
2A LISLYTER PhD Asst Prof Beef Cattle and Sheep

4K M MATHUR DVS Assoc Prof Dairy Sci 1B F MURVIN MS Teacher Educ Agr Educ 1W J WARREN MS Assoc Prof Hort

Animal Science—Continued		Economics - Continued
2% & THOME CA. MC Aset Francis	2.00	12 WILLIAM KCHLMEYER MS. Prof Poultry Mktg and
2% F. M. N. L.Y.W. HC. Supt Antelope Range Field	a sta-	Econ
(PC Ruffale)		1J D LEONARD LLB MS Assoc Prof
12R C WAHLGIROM PhD Prof Swine		12A O LOCKNER PhD Assoc Prof
		5CHAPLES MICHELL MS Abst Frot (USDA)
Bacteriology	9530	12" AA MYEHO Pal. Frof
12F M FELLI-A Philipprof and Head of Dept		IDCLAIT OCRUM MS Asst Prot
+ c +c ~x - 41.6)		1D F PEARSON JD Prof and Asst to Pres and Dir of
12F F MICH AUGH PhD Prof		Devlpmt
12G : FARIKH PhD Assoc Prof		23G D ROSE PhD Assoc Prof and Ext Econ
12 F . Fr ThAZKA Fhi Askto Fr F		37 Alei H. 119 M. Committeenpmt Cp. c
1. St. GANGOO MI MA Fr. ti		12) 1 SANE FROM PhD Austic Frof
12] hallalla Carri Asst Fr		12K C 3COFIELL F.C. Tech Asst Computer Prog
		IL T SMYTHE MA Prof
Biochemistry (Sta)	9540	2A B SOGN MS Asst Prof
120 E OLSON PhD Prof and Head of Dept		5ECULLRICH MC Asst Prof (UNLA)
· 0		12) F WIEBE En I Acet Prof
2R J EMERICK PhD Prof		
2G F GASTLER MS Assoc Prof		Editorial 958
2Mr. Y. C. MARIA GREEDHUL Philiphia Assum Prof		13 H 1 HILLIPS Pht Dir Commun Serv (605-688-4187)
2A W HALVERSON PhD Prof		121. I. BORK MEd. Asst Prot and Head Aud Vis Center
2H F FLOOMS Asst		23Mrs BARBARA HARTINGER BJ. Asst Ed
2 Cirrellny BS Asst		13D A JOHNSON BS Ext Film and Padio Prod Ed
2I S PALMEH PhD Assoc Prof		23L M JORGENSEN BS Asst Agr Ed
12E I WHITEHEAD MS Prof		31 L PATES MS Agr Inform Ed
		3M A POTAS Vis Aids Spec
Botany-Biology	9550	21 J CHILELER MS Expt Sta Ed
1G A MYERS PhD Prof and Head of Dept	, 550	3L L SUDLOW MS Spec Vis Aids
(C 40-740.41)		23LARRY AFSTALL Fub Artist
1 Title Tee Lyange Abst Prof		TODAY THE TIETY THE GREET
1D D HALF III I hi Asst Prof		Education (Agr) (Col of Arts and Sci) 959
12D J HOLDEN PhD Prot		1H W GA1 LA E 11. Trot Educ (605-688-6210)
1F : HUTCHECON FAL Assoc Prof		15 4 ENKI FLU Asst Prot Educ
		Fig. 1 th Ki Fit. Bist Fitor bade
1 The MAN MAN Inver		e
1K L MORAILL MA Asst Prof		Engineering (Agr) 960
1[O MUCHMORE MS Aust		12D L MOE MS Prof and Head of Dept
1E S OLSON MS Asst Prof		(605-200-141)
1C A TAYLOR MS Prof		3S W LLACK MS Ext Imig Spec
1R H WHALEN PhD Asst Prof		2D I BROOL MS Instrisoil and Water
		128 TOHU PnD Asst Prof Soil and Water
Continuing Adult Education	9555	12: A BOER HA' Assoc Frof
3F M HINH MC Coord Cont Adult Flduc Serv		12H H DELONG MS Prof Rural Elec and Crop Proc
to a meating.		2F A CALINOMS Instr
		3 . H. Dr. AND M. Ext Agr Engin
Dairy Science	9560	5C L F.ANSON MS Asst Prof (USDA)
12J O YOUNG PhD Prof and Head of Dept		12! A HFILLIOKSON PhD Asst Prof
(508-6a8-4116)		s UF HOOVER MS Instr (USFA)
12R J BAKER PhD Prof Dairy Bact		12 . GINCON Phi Assoc Prof
1EMERY BARTLE MS Assoc Frof Dairy Husb		3F F KERR BS Ext Spec Water Resources
3E J KILELIAMO - Asst Ext Darryman		12T M KLOSTERMAN BS Res Farm Supt
3E U KURTZ BS Ext Dairyman		3LCUIS LUBINUS BS Ext Agr Engin
12M J OWENS MS Asst Dairy Sci		12W F LYTLE MS Assoc Prof Soil and Water Conserv -
12J G PARSONS PhD Asst Prof Dairy Chem		Climatol
12 COMMODERTHE PhD Asst Prof Larry Nutr		2J M MAL. EN MS Instr Soil and Water
120 W SEAC M. Assoc Prof Dairy Mra		IV I MYERS MS Frof
12K F JFURG. ON PhD Prof Dairy Mfg		5C A ONCTAL MS Instr (USDA)
2P E STAKE ES Asst Dairy Sci		3W H PETERSON MS Ext Agr Engin
12H H VOELKER PhD Prof Nutr		1FHFL SCHMLR PhD Aget Prot
MIN VOLUMENT IND THOUTHAN		5W S SPUHLER MS Asst Prof (USDA) State Climatal
E	9570	28 JUVEO BS Asst in Mech Aur
Economics 100 I D GRUNNICON DED Designed Hond of Dont	73/0	124P K TURNQUIST PhD Assoc Prof Power and Mach
123J E THOMPSON PhD Prof and Head of Dept		
(6C5-688-4141)		12P M WHEELDON BS Draftsman
3W G AANDERUD PhD Ext Econ Form Mot		12J L MERSMA Phl. Prot Soil and Water
12h R ALLEN PhD Asst Prof		12H G YOUNG MC Assoc Prof Farm Structures
3A W ANDERSON MS Ext Econ Farm Mgt		
3R J ANTONIDES MS Ext Econ Mktg		Entomology-Zoology %1
3L R BENNING MS Ext Econ Mktg		12R J WALSTROM PhD Prof and Head of Dept Econ Ent
2R L BERRY Ph.D. Assoc Prof		505-638-£176)
14 3 % LI ING MS Abat Prof		12: URALSHAUGH PhD Assoc Prof Livestock Ins
15-LOKAM TUMMIN MRA Prof		3W L BERNOT Pho Ext Ent
1R O FELBERG MS Assoc Prof		5T E BRANSON MS Instr (USDA) Biol Control
23R O GAAREER Phil. Assoc Pro:		5C O CALKINS MS Instr (USDA) Soil Ins
12H A GILBERT PLD Assoc Prof		12ALGIRDAS GREICHUS PhD Assoc Prof Parasitol
12LOYD GLOVER PhD Prof		Physiol
1HARRY GREENBAUM PhD Assoc Prof		5R D GUSTIN MS Instr (USDA) Ins Rearing Tech
1F H HSIA PhD Assoc Prof		1J I HAER, EL Ph! Asst Prof Embryol
13 M JOHNSON MS Assoc Prof		5E W HAMILTON PhD Assoc Prof (USDA) Ins Toxicol
3GALEN KELSEY MS Ext Agt Resource Devlpmt		12E J HUGGAINS PhD Prof Parasitol
1H J KIM PnI Asst Prof		2F A CAMBER Asset Frof Corn Ins

Entomology-Zoology-Continued

3B H KANTACK PhD Ext Ent

5R W KIECHKHEFER PhD Assoc Prof (USDA) Ins -Ecol

5V M KIRK PhD Prof (USDA) Soil Ins

5J L KRYSAN PhD Ass∞c Prof (USDA) Ins Physiol

12BURRUSS McDANIEL PhD Assoc Prof Grass Ins

5E E ORTMAN PhD Prof (USDA) Host Plant Resistanceto Ins

12M H ROLLER PhD Assoc Prof Mammalian Physiol

5W N STONER PhD Prof (USDA) Ins Vectors of Plant Dis

5G R SUTTER PhD Assoc Prof (USDA) Biol Control

12R N SWANSON PhD Assoc Prof Mammalian Physiol
2G A THIBODEAU MS Instr Anat

1Mrs SILVA TRAUTMAN BS Asst Anat

Extension Administration

9620

3J T STONE DPA Dean of Ext (605-688-4147)
3H D HALL PhD Ext Econ and Admin Asst to Dean

3L L HOWE MS Dist Ext Supvr

3H MARIE HENDERSHOT MS Assoc State Ldr Home Econ

3MARY F LYLE PhD State Ldr Home Econ

3K J OSTROOT MS Dist Ext Supvr

3C D SANDERSON MS Dist Ext Supvr

3L R WILSON MS Dist Ext Supvr

4-H CLUB WORK

3J F YOUNGER MS State 4-H and YMW Ldr (605-688-4167)

3Mrs MARY FLLEN AAMOT BA State Club Agt 3R L BEAIRL BS State Club Agt

3HENRIETTA M GOHRING MS State Club Agt

3L H HANSEN BS State Club Agt

3F J HEITLAND MS State Club Agt

3ELLA L OLLENBURG BS State Club Agt

Home Economics (Col of Home Econ)

9630

12FRANCES M HETTLER PhD Prof and Dean of Col (605-658-6181)

2Mrs DOROTHY DEETHARDT MS Asst in Res Food and Nutr

3Mrs ELIZABETH K EASTON MS Cloth Spec

 ${\bf 2} {\tt LOUISE} \; {\tt GUILD} \; {\tt MS} \quad {\tt Asst} \; {\tt Prof} \; {\tt Nutr} \; {\tt and} \; {\tt Food} \; {\tt Sci} \; {\tt Res}$ 3Mrs MERLE GUNSALUS BS Ext Fam Life Spec

12Mrs ADALINE HSIA MS Prof and Head Text and Cloth

12LILLIAN OLUND MS Prof Text Res

3NELLIE A McLOUGHLIN MA State Ldr Home Econ 3Mrs ALVERDA M MOORE MS Ext Fam Econ Spec

12M F.L.IZ.ABETH RUST PhD Prof and Head Nutr and Food Sci

12Mrs CORA SIVERS MS Assoc Prof Text Res 3CAROLE JO THOMPSON BS Home Furn Spec

12RENA WILLS MS Assoc Prof Nutr and Food Sci

Horticulture-Forestry

9640

12R M PETERSON PhD Prof and Head of Dept (605-688-5136)

12D G ADAMS PhD Assoc Prof Flor

2H G CADY BS Res Asst

12P E COLLINS PhD Assoc Trof For

2N P EVERS BS Res Asst 3L L HELWIG MS Ext For

12D E HERMAN PhD Assoc Prof Ornam and Turf 12L C JOHNSON MS Assoc Prof Landsc Design

3D M MARTIN MS Ext Hort

124D P PRASHAR PhD Assoc Prof Veg Crops

2W A URDAHL BS Res Asst 2J R WAPLES BS Res Asst

Plant Science

9660

12R A MOORE PhD Prof and Head of Dept (605-688-5121)

3E P ADAMS MS Ext Agron Soils

12W E ARNOLD PhD Asst Prof Weeds

2J J BONNEMANN MS Asst Agron Crops

1B L BRAGE PhD Prof Soil Fert and Chem

12G W BUCHENAU PhD Assoc Prof Cereal Dis 12P L CARSON MS Prof Soil Fert

3R A CLINE BS Ext Agron Crops

12J D COLBURN MS Assoc Prof Seed Certif

Plant Science-Continued

3L A DERSCHEID PhD Prof and Ext Agron Pastures

5C DEYBING PhD Assoc Prof (UDSA) Flax Physiol

2G W ERION MS Asst Prof Seed Stocks

12P D EVENSON MS Asst Prof Irrig and Soils 12L O FINE PhD Prof Irrig Soils 12C J FRAZZE MS Asst Prof Soils

12W S GAFDNER PhD Assoc Prof Virus Dis

2H A GEISE MS Instr Crop Mgt 5E D GERLOFF PhD Asst Prof (USDA) Genet

2FRANK HOLMES Supt Central Substa (PO Highmore)

12M L HORTON PhD Assoc Prof Soil Phys

2J R JENISON BS Asst 5S G JENSEN PhD Assoc Prof (USDA) Virus Dis

2D G KENEFICK PhD Assoc Prof Crop Physiol

12R C KINCH MS Prof Seed Technol

2Q S KINGSLEY MS Asst Prof Crop and Soil Mgt 12C P KRUEGER PhD Pasture Mgt

2A O LUNDEN PhD Assoc Prof Crop Brdg
12C J MANKIN PhD Prof Grass and Sorghum Dis

12C M NAGEL PhD Prof Dis Resistance Corn

2J E OLSON MS Supt Pasture Res Farm (PO Norbeck) 5T C OLSON PhD Assoc Prof (USDA) Soil Phys

121 D OTTA PhD Bact-Path

5P B PRICE PhD Assoc Prof (USDA) Barley Brdg
12D L REEVES PhD Oat Brdg

12J G ROSS PhD Prof Grass Brdg and Cytol 12M D RUMBAUGH PhD Assoc Prof Alfalfa Brdg

3E E SANDERSON BS Ext Agron Crops
12GEORGE SEMENIUK PhD Prof Root Pot Dis Mycotoxicol

12D B SHANK PhD Prof Corn Brdg

12F E SHUBECK PhD Prof Soil Mgt

2J D SMOLIK MS Asst Nematology 2W D STEGMEIER MS Asst Wheat Brdg

2C E STYMIEST BS Asst Weed Res

2R T THALEN BS Forages
5J R THYSELL MS Asst Prof (USDA) Genet

12R C WARD MS Instr Soil Chem and Testing 2J B WEBER BS Instr Fan Seed Stocks

12D G WELLS PhD Prof Wheat Brdg
12F C WESTIN PhD Prof Soil Survey
12E M WHITE PhD Prof Soil Survey

3E J WILLIAMSON MS Ext Agron Soils

3L S WOOD PhD Ext Plont Path
3L J WBAGE MS Ext Auron Weeds

Sociology (Rural) 12H M SAUER MA Prof and Head of Dept

(605-688-4132)

IW D CHITTICK MS Prof

12R M DIMIT PhD Prof 120 E LANHAM PhD Asst Prof

12M P RILEY PhD Prof

1J L SATTERLEE PhD Instr

Veterinary Science

9690

9680

12K D WEIDE DVM PhD Prof and Head of Dept (605-688-5171)

Asst

23J H BAILEY DVM Asst Prof Ext Vet

2E J BICKNELL DVM PhD Assoc Prof

2R J BURY DVM Instr

2Mrs JANICE K FULLER BS Asst

2SHARON IRVINE BS Asst 2M M KIEFFER BS Asst

12C A KIRKBRIDE DVM Asst Prof 2W U KNUDTSON MS Instr

2T J LANGPAP BS Asst

2Mrs CAROL A LARSON BS Ass 2T E LUCAS DVM MS Asst Prof

2JANET M MATTSON BS Asst

2J P McADARAGH MS Asst Prof

2CONNIE PHILLIPS BS Asst

2R L PIERCE MS Asst 2D E REED PhD Asst Prof

2M G ROBL DVM PhD Asst Prof 2Mrs HAZEL J SHAVE BS Asst

2I J STOTZ BS Asst

Wildlife and Fisheries Sciences

9700

12D R PROGULSKE PhD Prof and Head of Dept (605-688-6121)

6R L APPLEGATE MA Asst Prof (USDI)

6R E DAHLGREN MS Instr (USDI)

12J M GA TES PhD Asst Prof

6R L LINDER PhD Assoc Prof (USDI) Coop Wildlife Res Unit Ldr

121 G MICKUM Phi Assoc Prof

36SCHMIDI PhD Ext Wildlife Spec

9705 Miscellaneous

2A F DRACY PnD Prof Agr Res (605-688-6217)

Agricultural Research and Extension Centers

9710

Compelt (FC Beresford)

2H MIUTHER PhD Res Mgr (605-563-2879) 3MI BAMBER BG Area Farm, Mgt Agt (PO Vermillion)

2J F J RET PIKOCN BS - Supt

2FUFTON LAWRENSEN BS - Asst Supt

James Valley (PO Redfield)

34F F. J. P. D. W. F. N. B.C. Area Irria Aut 2L B. T.Y.F. Supt

West River (PO Rapid City)

31 A MINYAHI MS - Ext Livestock Spec and Mgr (605-394-7236) 3F II TEANDALL MS Ext France and Livestock Spec

2F R CARTNER Phl. Assoc Prof Hange Mgt.

3K L NELJON BS - State Club Agt

2A L. SLY LER PhD Asst Prof.

9715 Institutes

Remote Sensing

1 V ! MYERS MS Dir (605-688-4184)

Biological Sciences

2H M HUWARD MS | Dir (605-688-5818)

12f. ... MOID MC - Dir (605-688-5141) Social Sciences for Bural-Urban Research and Planning

12MAY MYERS PnD Dir (60%-688-6626) Later mesources

12] 1. VIERSMA PhD | Dir (605-688-5141) 20 D BBCSZ MS | Instr

21 M MALTEN MS Instr

TENNESSEE

Institute of Agriculture: College of Agriculture, Agricultural Experiment Station, and the Agricultural Extension Service of the University of Tennessee, Post Office Box 1071, Knoxville 37901 (Main tel 615-974-0111)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6International Agricultural Programs

9A-TF, M-S Program.

9720

1E J BOLING FdD Pres of Univ (615-974-2241)

123WEBSTER PENDERGRASS DPA Vice Pres for Agr (615-974-7342)

123E J CHAPMAN MS Asst Vice Pres for Agr (615-974-73961

10 GHALL Phl Dean of the Col o: Agr (615-974-7303)
29, A EWING DPA Dean of the Agr Expt Sta (615-974-

31 W DARTER DPA Dean of the Aar Ext Serv (615-974-7114)

2ERIC WINTERS PhD Assoc Dean of the Agr Expt Sta (6.4-974-7123)

3W D BISHOP PhD Assoc Dean of the Agr Ext Serv (615-974-7112)

3T W HINTON PnD Asst to Dean of the Agr Ext Serv (615-974-7108)

6L H DICKSON EdD Dir Internatl Agr Prog (615-974-

21. E HAWKINS PhD | Dir-at-Large Southern Agr Expt Sta Dir (PO Stillwater, Okla)

123BRODIE BAYNES BS Treas

1230 C SHELBY MS Dir of Bus Affairs

123W H JONES BS Acct

23G F LUCK MS Dir of Serv

Agricultural Biology

9722

12S E BENNETT PhD Pro: and Head of Dept (615-974-7135)

2BEVERLY S AUSMUS BS Asst in Agr Biol Corn and Veg Dis

2E E BURGESS PhD Asst Prof Ornan. In.

2A Y CHAMBERS MS Asst Prof Cotton Dis (PO Jackson)

2E T CHERRY MS Asst in Agr Biol Corn and Tob Ins

5J M EPPS MS Assoc Prof Nematodes (PO Jackson)

3C H HADDEN PhD Assoc Plant Path

12J W HILTY PhD Assoc Prof Corn and Ves Dis

12L F JOHNSON PhD Assoc Prof Soil Microbiol

3W C JOHNSON BS Asst Ent (PO Jackson)
2D H LATHAM MA Assoc Prof Tob Dis (PO Springfield)

2E L MATHENY Jr M3 Asst in Agr Biol Omam Ins 3R P MULLETT MS Ent and Ldr (615-974-7336)

2J E PENDERGRASS BS Asst in Agr Biol Cotton Ins

12C D PLESS PhD Asst Prof Corn and Tob Ins 2H E REED PhD Assoc Prof Cereal and Ornam Dis

2W G RUSSELL PhD Asst Prof Cotton Ins (PO Jackson)

5R C SIEVERT PnD Asst Prof Tob Dis (PO Greeneville)

12C J SOUTHARDS PhD Assoc Prof Nematodes

3H E WILLIAMS MS Asst Ent House and Garden Pests

2N 1. WOODIEL MS Asst in Agr Biol Forage Crop Ins

Agricultural Economics and Rural Sociology 9724

12T J WHATLEY PhD Distinguished Prof and Head of Dept (615-974-7231)

12M B BADENHOP PhD Prof Agr Mktg and Agr Devlpmt 5H E BARNHILL MS Instr Farm Mgt

12L L BAUER PhD Asst Prof Farm Mgt and Prod Econ 1D W BROWN PnD Internat Prof Agr Econ

12C L CLELAND PhD Prot Rural Social 2D L CLINE MS - Asst in Agr Econ Mktg

2W C COUVILLION MS Asst in Agr Econ Mktg

12C M CUSKADEN MS Asst Prof Farm Mgt and Prod Econ

12RAY DANIEL PhD Asst Prof Agr Mktg

3F M DeFRIESE M3 Assoc Agr Econ Farm Mgt
3M L DOWNEN Ph2 Agr Econ and Ldr (615-974-7271)

12IRVING DUBOV PhD Prof Livestock Mktg and Prices 3G V EAGAN MS Asst in Agr Econ Form Mgt

3C M FARMER PhD Asst Agr Econ Farm Mat (PC

Jackson)

2M A FUCHS-CARSCH BS Asst in Agr Econ Mktg

2C D GARLAND MS Asst in Agr Econ Policy

2W E GOBLE PhD Asst Prof Fruit and Veg Mktg 2R J GODDARD BS Asst Prof Farm Mgt (PO Grand

Junction)

12F M GOODE PhD Asst Prof Econ Devlpmt and Policy

2C D GRIGGS BS Asst in Agr Econ Mktg

3B G HICKS PhD Assoc Agr Econ Mktg

2J E HOLMES MS Asst In Agr Econ Recreation

2R J HOPKINS MS Asst in Agr Econ Mktg

12L H KELLER PhD Assoc Prof Farm Mgt and Prod Econ

12F O LEUTHOLD PhD Assoc Prof Rural Social

2D A LINTON MS Asst in Agr Econ Farm Mgt
12J A MARTIN PhD Prof Land Tenure and Policy

2B S McF ATTER MS Asst in Agr Econ Mktg 12B R McMANUS PhD Asst Prof Agr Credit and Fin

2K E PAXTON MS Asst in Agr Econ Mktg

3B H PENTECOST MS Asst Agr E∞n Mktg

2G B PERKINS MS Asst in Agr Econ Land Econ

2D E PHILLIPS BS Asst in Agr Econ Mktg
2B D RASKOPF MS Assoc Prof Poultry and Cotton Mktg

2R M RAY MS Asst Prof Farm Mgt and Prod Econ

12C B SAPPINGTON PhD Asst Prof Grain Mktg

12J G SNELL PhD Asst Prof Mktg

12B J TREVENA MS Instr Farm Mat

3H N WALCH PhD Asst Agr Econ Farm Mgt
2R D WEDDEL MS Asst in Agr Econ Mkta
2D L WILLIAMS BS Asst in Agr Econ Mkta

TENNESSEE 9726-9750

Agricultural Education (Col of Educ) 9726 Agronomy—Continued 21 M MATNING BC Abst in Agree Coil Fert 3J N MATTHEWS MS Asst Agree Soil Testing (PO 1J D McCOMAS PhD Dean Col of Educ (615-974-2201) 1G W WIEGERS Jr EdD Prof and Head of Dept (615-974-7371) Nashville) 1D G CRAIG EdD Asst Prof 20 F MIN'HTLL BS Asut in Auron Soil Chem 27 H MORGA MS | Asst Prof Soil Fert (PC Spring Hill) 56 C MICHOLA BY | Assoc Frof Text Fort (PO Greene-1J D TODD MS Asst Prof Agricultural Engineering : 111-0 12J J McDOW PhD Prof and Head of Dept (615-974-7237)
2W H ALLEN MS Asst in Agr Engin Soil and Water
2J M ALPHIN BS Asst in Agr Engin Soil and Water
2J C BARKER MS Asst in Agr Engin Soil and Water
12D O BAXTER MS Asst Prof Farm Structures 2J R OVERTON MS - Assoc Prof Crop Prod (PO Jackson) 12W L PARKS PhD Prof Soil Fert and Phys 12V H REICH PhD Asst Prof Small Grains Brdg 12) H H YI. L. CIRL Acres I ter I crape Crops 12B L BLEDSOE PhD Assoc Prof Power and Mach **2**L E BROWN BS Asst in Agr Engin Power and Mach 2BROOKS ROBINSON BS Asst Prof Soil Anal 2J D DAVENPORT BS Asst in Agr Engin Power and 3J H ROBINSON MS Assoc Agron Soil Conserv 2K B SANDERS MS Asst Prof Soil Chem Mach 12L N SKOLD MS Prof Crop Prod 12H O CMITH Jr MS Assoc Prof Cror Mat 2M A SMITH BS Asst in Agron Soil Pert 3K E DeBUSK MS Asst Agr Engin Rural Elec 12K E DUCKETT PhD Asst Prof Cotton Fiber Properties 2F D EVANS BS Asst in Agr Engin Power and Mach 5P R EWALD BS Assoc Prof Cotton Fiber and Yarm 12M E SPRINGER PhD Prof Soil Formation 53 M OTF WART Phile - Asst Prot Cotton Physiol 20 K MESI BY MS - Asst in Agron Crop Phys 3M H FALKNER BS Assoc Agr Engin Form Structures 12Z A HENRY PhD Assoc Prof Cotton Fiber Properties
2A L INFANTE MS Asst in Agr Engin Power and Mach **5**SMITH WORLEY PhD Assoc Prof Cotton Fiber Testing 5R S KROWICKI MS Asst Prof Cotton Fiber Properties 5REBA LAWSON BS Asst Prof Cotton Fiber Properties Animal Husbandry 12C. HOBBS PnD Prof and Head of Dept (6.5-974-7286) 12A B HA WILL FhD Assoc Froi Meats 12K M BARTH PhD Assoc Prof Nutr 3DH LUTTRELL PhD Agr Engin and Ldr (615-974-7253) 2A H MORGAN BSME Assoc Prof Food Mach 2J A MULLINS PhD Assoc Prof Cotton Ginning and 2M C BELL PhD Prof Nutr 20 F FERTOOH MS Asst in Anim Husb Swine Nutr Mech (PO Jackson) 3W G BROWN MS Asst Anim Husb Beef and Swine 2R S PILE BS Asst in Agr Engin Soil and Water 12J I SEWELL PhD Assoc Prof Soil and Water 2R C SHADDEN MS Instr Power and Mach (PO Jack-(PO Jackson) 5W T BUTTS PhD Asst Prof Beef Cattle 2 T. MANTRILL MC Asst in Anim. Hu. b Nutr son) 12C H SHELTON MS Assoc Prof Soil and Water
5R B STONE BSEE Assoc Prof Elec Power and Proc 12C C CHAMBERLAIN PhD Assoc Prof Nutr 12: A CCERICK PhD Asst Froi Beef Cattle 2H M CROWDER MS Asst Prof Anal Chem 3A J SWEARINGEN MS Assoc Agr Engin Form Mach 2G R EISELE MS Asst in Anim Husb Swine
2M E FRYER BS Asst Prof Anal Chem 12L J THOMPSON PhD Asst Prof Power and Mach
3H O VAIGNEUR PhD Assoc Agr Engin Soil and Water **2**S F HAMMACK MS - Asst in Anim. Husb Brdg **2**J B WILLS BS Asst in Agr Engin Soil and Water 12S L E ANGARE PhD Prof Nutr
23H M JAMISON PhD Assoc Prof and Assoc Anim Husb Beef Cattle Brdg 12L F SEATZ PhD Distinguished Prof and Head of Dept A KAUEMAN BC - Asstin Anim Husb Beef Cattle (615-974-7101) $2\mbox{F}$ D KIRKPATRICK MS $\,$ Asst in Anim Husb Swine 2W A ALEXANDER BS Asst in Agron Soils 12E R LIDVALL MS Assoc Prof Swine 2W V ANDERSON BS Asst in Agron Soil Fert 2) HILCY BS Asst in Anim Hust Beef Cattle 2E D BALDWIN BS Asst in Agron Crop Brdq 12W D BARBER PhD Asst Prof Forage Brdq 12) F McLAHEN MS - Asst Prof Beef Cattle and Swine 12C CMOLTON PhD - Asst Prof Meats 12FF BELL PhD Prof Soil Mgt 12 G M MEHRIMAN DVM Frof and Vet 23G J BUNTLEY PhD Assoc Prof and Assoc Agron Soil 21: MURPHFY BS Asstin Anim Husb Physiol Mgt 125 I MURPHHEE PhL Prof Envirol 3J D BURNS MS Assoc Agron Forage Crops 21 F Mill L. MC Asst in Anim Husb Nutr 12L M CALLAHAN PhD Assoc Frof Turf 3J G O'NEAL MS Asst Anim Husb Swine
3F C POWELL MS Asst Anim Husb (PO Nashville)
12R R SHHCLE PhD Prof Brdg and Statis 2T P CAMPBELL BS Asst in Agron Crop Prod 2H F CARPENTER BS Asst in Agron Soil Fert 3R E COBBLE MS Asst Agron Seed Impr (PO Nashville)
12B V CONGER PhD Asst Prof Plant Genet
2J T CONNELL MS Asst Prof Crop Prod (PO Grand 12J D SMALLING PhD Asst Prof Physiol 3W F TY::F11. M. Ann. Huse and Ldr Beef Cattle (615-97),-7294) Junction) 2. K .. IN BEED M.C. Asst in Anim Husb Meats 2J D FRACY BS - Asst in Agron Soil Fert 12H A FRIBOURG PhD Prof Forage Crop Ecol
2C R GRAVES MS Asst Prof Crop Prod 9750 12) T. MILLE Ph.L. Frof and Head of Dept (615-974-7147)
21 F. HATCON MS - Auct in Larry Brida
5H D. BAXTER MS - Asst Prof. Prod. (PO. Lewisburg) 5C L GUPTON PhD Asst Prof Tob Brdg (PO Greene-2P E HOSKINSON MS Asst Prof Cotton Prod (PO 25 J BEARDEN MS Asst Prof Prod (PO Spring Hill) 30 K HALLELL MS Law Hull and Ldr (615-974-30 K THAT 7289) Jackson) 3D D HOWARD PhD Asst Agron Soil Fert
12L S JEFFERY PhD Asst Prof Weed Control
12L M JOSEPHSON PhD Prof Corn Brdg 25 1 TOWSELFT MC Asset in Lary Natr 12B J DeMOTT PhD Assoc Prof Technol 2H C KINCER BS Asst Prof Corn Brdg 12S A FINTON MS Assoc Prof Prod 2SAMUEL KINCHLOE MS Asst in Agron Soil Chem 3i. C HOLT MS Asst Dairy Husb Mfg (PO Nashville) 12W A KRUEGER PhD Asst Prof Weed Physiol 2W M HOPPER MS Asst Prof Prod (PO Jackson)

12H O TAYNEL' LET Asst Prof Larry Chem

2H TO HEAL HO Asst Prof Larry Chem 2C R LESLIF BS Asst in Agron Forage Crops 12G M LESSMAN PhD Asst Prof Soil Fert 12R J LEWIS PhD Assoc Prof Soil Chem 3W M MILLER PhD Assoc Dary Husb Nutr 12M MOUTH AMERY Find According Natur 2S D LIVINGSTON MS Asst in Agron Soil Fert 5T J LONGWELL MS Asst Prof Soil Conserv 3HAYWOOD LUCK MS Assoc Agron Cotton (PO Jackson) 5E D MOCHEMS Asst Prof Prod (PC Lewisburg)

12W WOVERCAST PhD Prof Eact

5B A MANER BS Instr Cotton Brdg

TENNESSEE 9750_9855

Dairy-Continued 9830 Home Economics 2ANN AKIN BS Asst in Food Sci and Inst Admin 3V D PARSONS BS Asst Dairy Husb DHIA 2J R PLUMMER MS Asst in Dairy Nutr 2Mrs BARBARA H BAYNE MS Instritood Sci and Inst 12D O RICHARDSON PhD Assoc Prof Brdg Admin 12R E BEAUCHENE PhD Assoc Prof Nutr 3T R SPANN MS Asst Dairy Husb (PO Jackson) 2AMELIA BROWN BS Asst in Food Sci and Inst Admin 12E W SWANSON PhD Prof Nutr 12ADA M CAMPBELL PhP Prof Food Sci and Inst Admin 3MARGARET L CLFM MS Int Design and Crafts Spec 9795 Extension Administration 12GAIL W DISNEY MS Instr Nutr 3V W DARTER DPA Dean 15 FOWENA P DOWLEN MS Asst Prof Text and Cloth
3 MILDRED L FARMER MS Home Mgt Spec **3W** D BISHOP PhD Assoc Dean **3T** W HINTON PhD Asst to Dean 2Mrs RHETTA S GOEBEL BS Asst in Text and Cloth 3MARY N ALEXANDER BS Dist Supvr Home Econ 12GRAYCE E GOERTZ PhD Prof and Head Food Sci and Prog (PO Cookeville) Inst Admin (615-974-5445) VIRGINIA BOSWELL MS State Ldr Home Econ (6!5-12MARY R GRAM PhD: Prof and Head Nutr (615-974-974-7384) 3J B BROWER Jr MS Dist Supvr Agr Prog 3491) 12A E GRAVATT PhD Prof and Head Child Devlpmt 3WE BRYAN MS Dist Supvr Mqt (PO Chattanooga)
3AC CLARK MS Dist Supvr Mqt (PO C∞keville) and Fam Relat Dept (615-974-5316) 3J E FRANCIS BS Dist Supvr Mgt
3O E HODGES MS Dist Supvr Agr Prog (PO Nashville) 2MAHILYN M HAGA BS Asst in Food Sci and Inst Admin 2FLVA M HEIDLE BS Asst in Text and Cloth
3REBA K HENDREN MS Asst Spec Nutr
12PHYLLIS ILETT MBA Assoc Prof Home Mgt Equip 3M E JONES MS Dist Supvr Mgt (PO Nashville)
3R A PEACE MS Dist Supvr Agr Prog (PO Cookeville) and Fam Econ 3BETTY L SEWELL BS Pers Asst 3H T SHORT BS Dist Supvr Mgt (PO Jackson) 3PHYLLIS INMAN MS Asst Int Design and Crafts Spec 3Mrs MARION B MARINER MS Asst Nutr 3P M STAMEY BS Dist Supvr Agr Prog (PO Chattanooga) 2Mrs ROSSIE L MASON MS Asst Prof Nutr 3MARY STANFILL BS Dist Supvr Home Econ Prog 12BERNADINE H MEYER PhD Prof Food Sci and Inst (PO Chattanooga) Admin 3ALTA F THOMAS MS Dist Supvr Home Econ Prog 2ELISE MORRELL MS Asst Prof Nutr 3G W TURNER MS Dist Supvr Agr Prog (PO Jackson) 3NAZZA NOBLE MS Nutr Spec 3MARGARET A USSERY PhD Dist Supvr Home Econ 3GENEVA D POTTER MS Asst Cloth Spec Prog (PO Nashville) 3HELEN L RADER MS Cloth Spec 3ESTELLE VINES BS Dist Supvr Home Econ Prog 2Mrs HELEN M REED MS Asst Prof Home Mgt Equip (PO Jackson) and Fam Econ 12FRANCES A SCHOFIELD PhD Prof Nutr 9200 Extension Training and Studies 12J T SMITH PhD Prof Nutr 13R S DOTSON PhD Prof and Spec Training and Studies 12Mrs LOIS SOUTHWORTH HS Instr Child Devlpmt and and Ldr (615-974-7308) 13C E CARTER PhD Assoc Prof and Assoc Spec Training Fam Relat 12Mrs. ANNA J TREECE PhD Prof and Head Text and and Studies Cloth (615-974-214I) 2BETTY WHITTI E BS Asst in Nutr 9810 Food Technology 12M R JOHNSTON PhD Prof and Head of Dept (615-9840 974-7335) Horticulture 12B S PICKETT PhD Prof and Head of Dept (615-974-12 J L COLLINS PhD Assoc Prof Food Quality 73241 2J G FAIR BS Asst in Food Technol 12J S ALEXANDER MS Asst Prof Ornom 12I E McCARTY MS Asst Prof F∞d Quality
12J O MUNDT PhD Prof Food Bact 2R J BLACK MS Asst in Hort Ornam. 2S A BLACK BS Asst in Hort Flor 2J F BROWN MS Asst Prof Veg (PO Jackson) 9815 3J C CLARK BS Asst Hort Veg (PO Jackson) 12J W BARRETT PhD Prof and Head of Dept (615-974-2D L COFFEY PhD Asst Prof Physiol 7126) 3R D FREELAND PhD Asst Hort Veg 2W N BAKER BS Asst in For Wildlife Mgt 12E R BUCKNER MF Asst Prof For Mgt 2E T GRAHAM PhD Assoc Prof Physiol 2C W MARR MS Asst in Hort Pomol 2A R McDANIEL BS Asst in Hort Ornam 3E R CADY MS Asst For Gen For 2J N COLLIER BS Asst in For Wildlife Mgt 2C A MULLINS MS Asst in Hort Pomol (PO Crossville)
3J L POINTER MS Asst Hort Orman and Flor
2W E ROEVER PhD Assoc Prof Brdg 12H A CORE PhD Prof Wood Technol 2M L COUNTESS BS Asst in For 12R W DIMMICK PhD Asst Prof Wildlife Mgt 12h D SWINGLE PhD Prof Veg 3W E DUGGAN MS Asst For For Mgt 12HENDRIK van de WERKEN MVV Assoc Prof Cmam 2R M EVANS BS Asst in For Silvic 3D B WILLIAMS PhD Hort and Ldr Fruits and Ornam 2H R LARGE BS Asst in For Wood Technol (615-974-7394) 12M R PELTON PhD Asst Prof Wildlife Mgt 2R H MARTIN BS Asstin For 2T W McCALL BS Asst in For Recreation Information 9850 23P L HAMILTON PhD Ed and Head of Dept (615-974-2GEORGE RINK BS Asst in For Silvic 12K F SCHELL PhD Assoc Prof Recreation 2F E BERGGREN BS Asst Ed Expt Sta Pub 3J B SHARP DPA For and Ldr Gen For (615-974-7346) 3C F BIBLE MS Asst Ed Ext Pub 2L R HYDER BS Asst in Journalism 12EYVIND THOR PhD Assoc Prof Tree Impr 23J G WARMBROD BS Asst Prof and Asst For For Mgt **3**G C MAYS MS Asst Ed Ext Radio (PO Jackson) 123A H MITCHELL BS Agr Libr 23C A REINHARDT MS Asst Ed Visuals

9820

12G R WELLS DF Asst Prof For Econ 2E M WITT BS Asst in Wood Technol

2N S YOHO BS Asst in For Wildlife Mat

12F W WOODS PhD Prof For Mgt

3G S FOSTER EdD 4-H Club Spec and Ldr (615-974-7321) 3ESTER L HATCHER MS Asst 4-H Club Spec 3Mrs GLENDA S JELLICORSE BS Asst 4-H Club Spec 3ANNA B LUCAS MS Asst 4-H Club Spec 3B T POWELL MS Asst 4-H Club Spec

6L H EICKSON EdD Dir (615-974-7249) University Development (Mysore State, India) 6D M THORPE DPA Chief of Party 6G K GARLICK DVM Vet Sci Adv

Assignments

International Agricultural Programs

3S F SWEET MA Assoc Ed Field Training and Spec

3Mrs JANICE H WILLIAMS MS Asst Ed Home Econ

9855

7855-9960 TENNESSEE

nternational Agricultural Programs-Continued	Main Station—Continued
6E H HULSON PhD Agr Econ Adv	2C R HOLMES BS Mgr Dairy Unit
60 H LONG PhD Soil Sci Adv	2J E. MARTIN MS Livestock Supt
6L C PARKER PhD Anim Sci Adv 6D M SEATH PhD Acr Res Adv	2R Q SNYDER BS Mgr Anim Husb Unit
6M. G WELLING MS Agr Ext Adv	Branch Stations 992
Agricultural Production Program (Mysore State, India)	Dairy Expt Sta (PO Lewisburg)
6F T BENNETT MS Farm Implements Adv	25J R CWEN MS Supt (615-359-3949)
6 A C ELAKE MS Agr Inform Adv	Highland Rim Expt Sta (PO Springfield)
6E A HEINRICHS PhD Plant Protection Adv	2L M SAFLEY BS Supt (615-384-5292)
6T R LANGLORD MS Team Ldr and Farmers Train-	Middle Tenn Expt Sta (PO Spring Hill)
ing and Educ Adv	2J W HIGH PhD Supt (615-486-2129)
6G H MUHH Ph□ Soil Fert Soil Test and Fert Use	Plateau Expt Sta (PO Crossville)
Agricultural Production Program (Tamil Nadu, India)	2 J A ODOM BS Supt (615-277-3731)
61.1 HAWS PnD Team Ldr and Plant Protection Adv	Tobacco Expt Sta (PO Greeneville)
6E I HANSEM MS Water Use and Mgt Adv	25 J H FELTS BS Supt (615-638-6532)
6M. KUMLEH PnD. Agron Adv	West Tenn Expt Sta (PO Jackson)
60 MONCUR EdD Agr Ext Adv	2 D M GOSSETT PhD Supt (901-422-1801)
6J B RICHARI SON MS - Agr Implements Adv	
) I.	Field Stations 9925
** *** *** *** *** *** *** *** *** ***	Ames Plantation (PO Grand Juction)
120 F GCFF PhD Prot and Head of Dept (615-974-7351)	2 J M BRYAN BS Mgr (901-764-2372)
123. K. H. L'TAL'H. PhD. Assoc Prot Nutr	Cumberland Forestry Field Sta (PO Harriman)
2) First V. RC. Asst in Poultry Genet	2J 3 KRING MS Mgr (615-882-9280)
27 / TEPPER BS Asst in Poultry Genet 2R J MACKIN Jr MS Asst in Poultry Genet	Highland Rim Forestry Field Sta (PO Tullahoma)
2G C M:GHEE BC Research Tech	2M T SEAY Mgr (615-455-3780)
3W O SEWELL MS Asst Poultryman	Milan Field Sta (PO Milan)
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet	2T C McCUTCHEN BS Mgr (901-686-7362)
123R L TUGWELL PhD Prof Path	
130,700,700,700	University of Tennessee at Martin, Martin 38237
lesource Development 9890	ourtesity of remessee at matein, marine 10291
3L JUNTHICKLAND MS Resource Devipmt Spec and	Agriculture 9930
Ldr (615-974-7306)	12H J SMITH PhD Prot and Dean Sch of Agr (901-587-
3R C McDADE BS Assoc Resource Devlpmt Spec	312.)
	12E W COUNCE MS Asst Prof Agron
IT-AEC Agricultural Research Laboratory 9900	12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb
1299 Bethel Valley Road, Oak Ridge 37830)	12BN DUCK PhD Asst Prof Agron
2J A EWING DPA Proj Ldr	2BRHATHCOCK PnD Asst Prof Agron
2): 3 HALL PhE Lab Dir (615-483-8611-Ext 3-4205)	2H A HENDERSON BS Form Mgr
12M C BELL PhD Prof Anim Nutr	1J E McMAHAN MS Prof Hort
2W B BELL PhD Consult	1C S MURPHEY MS Asst Prof Agr Econ
2J M BIRD MS Supt	1N W ROBINSON PhD Assoc Prof Anim Sci
2J A BRENNAN PhD Consult	
2D G BROWN DVM Prof Clin Med	
2W F BYBNE MS - Asst in Dairy Mutr 2G W CASARETT PhD - Consult	School of Agriculture and Home Economics of
12E V CONGER PhD Asst Prof Plant Genet	Tennessee State University, Nashville 37203 (Main tel
2M J CONSTANTIN PhD Assoc Prof Plant Genet	615-242-4311)
2T J CUNHA PhD Consult	3C-11 State of other constant of Abranca
2G R EISELE MS Asst in Anim Husb	1College Staff 3Extension Staff 4Leave of Absence
2B H ERICKSON PhD Assoc Prof Embryol	9950
2G M GORMAN MS Asst in Dairy Nutr	1A P TORRENCE PhD Pres of Univ and Prof Agr Educ
12E T GRAHAM PhD Assoc Prof Hort	(615-242-4311 Ext 201)
2R F HALL DVM Asst Prof Clin Med	1C O ATCHISON PhD Dir of Res and Devlpmt (615-
2D F JOHNSON DVM Prof Path	242-4311 Ext 346)
2 KILLIGN PhD Asst Prof Plant Physiol	1D A HAMILTON PhD Dean of Sch of Agr and Home
2W D KLOBE MS Asst Prof Soil Sci	Econ (615-242-4311 Ext 484)
2J B MARLHES MS - Asst in Anim Husb	14J N LEMONS MS Coord of Field Serv (615-242-4311
2POLLY G MARTIN PhD Asst Prof Nutr Physiol	Σxt 481)
2AF McFEE PhD Assoc Prof Physiol	3J E FARRAR PhD Dir Field Serv and Ext (615-242-
2J K MILLERPhD Assoc Prof Dairy Nutr	431. Ext 386)
2F J MONROE PhD Consult	1Mrs MATTYF C FLOWERS MS Head of Dept of Home
2F MRAZ PhD Prof Physiol	Econ (615 242-4311 Ext 250)
12R L MURPHREE PhD Prof Physiol 2T B No ONAN MD Prof Physiol	
12R A REYNOLDS MS Asst Prof Brdg	Agricultural Education and Economics 9955
2W E SALLERS PhD Asst Prof Biomet	1G M TELWAH EdD Assoc Prof and Head of Dept
2L E SASSER PhD Asst Prof Anim Nutr	13R H DERDEN MS - Instr Agr Engin 1D A HAMILTON EdD - Prof Agr Educ
2J C SOUTO MD Prof Physiol	TO A DAMIL TON EUD PIOTAGE EUUC
2G E SPALDING PhD Asst Prof Soil Chem	
2D L STODDARD MS Asst Prof Safety	Animal Science 9960
2J R STRANGE MS - Asst in Anim Hush	1ROLAND NORMAN PhD Prof and Head of Dept
2LEC WADE PhD Asst Prof Eiophys	130 L ADAMS PhD Prof Poultry Nutr
2J L WEST PhD Prof Path	1A B BOND PhD Assoc Prof Biochem
2M H WYKOFF DVM Assoc Prof Physiol	34A B DAVIS MS Asst Prof Anim Husb
	13W E OFFICER MS Assoc Prof Anim Husb
Agin Station 9915	1F D SMITH DVM Prot Anim Sci
2) N ODOM MS Supt (615-974-7201)	1E J THORNTON MS Prof Poultry Sci
2H N CARRINGER MS Mgr Dairy Proc Unit	1TR WOOD MS Assoc Pro: Anim Husb

Plant Science

1F E WESTBROOK PhD Prof and Head of Dept

1H W CARTER PhD Prof Plant Sci

13H CHARDY MS Assoc Prof Plant Sci and Farm Mar INFAL McALPIN PhD Assoc Prof Plant Sci

Home Economics

9965

1Mrs MATTYE C FLOWERS MS Prof and Head of Dept 3CHRISTINE ALEXANDER MS Assoc Prof Home Econ Ext

IMrs AUGUSTINE S DARTIS MS Asst Prof Foods and

1Mrs GERALDINE B FORT MA Assoc Prof Cloth and Text

1Mrs LUTHER B FRANKLIN MS Asst Prof Foods and Nutr

14Mrs MARY H GREER MS Asst Prof Home Econ Educ 1Mrs COLORES HARRIS MS Asst Prof Home Econ IRITH McDOWELL MEd Assoc Prof Child Devlpmt 1Mrs CATHRYN B McKINNEY MS Asst Prof Cloth and Text

13LILLIE B REDMOND MS Asst Prof Home Mgt 13Mrs MARYLOUISE E RITTER MS Asst Prof Cloth and Text

1Mrs MIRIAM G TOWNS MS Assoc Prof Foods and Nutr

TEXAS

Texas A&M University, the Agricultural experiment Station, the Agricultural Extension Service, the Forest Service, and Prairie View A and M College of the Texas A&M University System, College Station 77843

1College Staff 2Station Staff 3Extension Staff
4Leave of Absence 5Coop USDA 6Other Govt Agency 9A-TR, M-S Program 7Misc

123A R LUEDECKE BS LLD Actg Pres of Texas A&M Univ and of Syst (713-845-4331)

1239H O KUNKEL PhD Dean of Col of Agr and Actg Dir of Sta (713-845-3711)

13.J E HUTCHISON PhD Assoc Dean and Dir of Agr Ext Serv (713-845-64I1)

123L S POPE PhD Assoc Dean for Admin Affairs (713-845-37111

IR C POTTS PhD Assoc Dean for Instr (713-845-3711)

6P R KRAMER BS Dir of Tex For Serv (713-845-2641)

123A A PRICE DVM MS Dean of Col of Vet Med and Asst Dir for Vet Res (713-845-505I)

2J E MILLER PhD Asst Dir of Sta (713-845-3711)

2V E SCHEMBER MS Asst Dir of Sta (713-845-3711)

1H R BYERS PhD Acad Vice Pres (713-845-3631)

IA D SUTTLE Jr PhD Vice Pres for Res (713-845-5515)

Agricultural Analytical Services

9990

2W L HOOVER PhD Asst Prof and Head Fert Anal (713-845-4111)

2ROBERT EHRLICH MS Asst Res Chem 2ALAN HANKS PhD Asst Prof Pestic Anal

2J F. MELTON PhD Asst Prof

10000 Agricultural Economics and Sociology

123T R TIMM DPA Prof and Head of Dept (713-845-4735)
12J W ADAMS MS Asst Prof Range and Ranch Mgt

3C K BAKER MS Gen Mktg Spec

12R V BILLINGSLEY PhD Assoc Prof Prod Econ and Farm and Ranch Mgt

3W E BLACK PhD Econ Mktg and Policy

5C C BOYKIN Jr MS Agr Econ

12R E BRANSON PhD Prof Mktg Devlpmt

3N W BRINTS MS Ext Area Farm Mgt Spec (PO Vernon)

3R V BROWN MS Social Community Impt

2C C CONNOLLY PhD Assoc Prof Mktg (PO Weslaco)

3E K DAVIS BS Asst Livestock Mktg
3J S DENTON MS Ext Area Farm Mgt Spec (PO Stephenville)

Agricultural Economics and Sociology-Continued

25R A DIETRICH PhD Asst Prof

12V W EDMONDSON PhD Assoc Prof

1 2DON FARRIS PhD Assoc Prof Livestock Mktg

3JOHNNY FEAGAN MS Econ Form Organ

5B G FREEMAN MS Agr Econ 12R J FREUND PhD Prof Statis

3E T GARNETT MS Farm Mat (PO 1558 Amarillo)

12M R GODWIN PhD Prof Mktg

12J C GRADY PhD Assoc Prof

2C R HARSTON PhD Prof

12J A HOPKIN PhD Stiles Proi 5J B HOTTELL MS Agr Econ Prod Econ

5W F HUGHES BS Agr Econ
3J E JENKINS BS Area Farm Mgt Spec (PO Denton)

12LONNIE JONES PhD Asst Prof Mktg

3R H KENSING MEd Ext Area Farm Mgt Spec (PO San Anuelo)

12W P KUVLESKY PhD Assoc Prof Sociol 12R D LACEWELL PhD Asst Prof

12C F LARD PhD Assoc Prof Prod Econ

3J T LONG MS Area Farm Mat Spec (PO Overton)

1 2J G McNEELY PhD Prof Livestock Mktg

3JIMALLETT MS Form Mgt Spec

5J R MARTIN PhD Agr Econ Prod Econ
12D S MOORE PhD Assoc Prof Prod Econ and Farm and Ranch Mgt

123B H NELSON PhD Prof Social

24JP NICHOLS PhD Asst Prof Mkt Devlpmt

3C A PARKER MS | Farm. Mgt Spec Records and Crops 3G R POWELL MS | Ext Fruit and Veg Mktg Spec

3T E PRATER MS Ext Form Mgt Spec Livestock For and Agr Finance

12J S PRESTON PhD Assoc Prof Sociol 1R L PREWETT MS Res Devlpmt Spec

3A W REICHARDT MS Area Farm Mgt Spec (PO Weslaco)

12L J RINGER PhD Status

12D C RUESINK PhD Asst Prof Sociol

3M O SARTIN MS Area Farm Mat Spec (PO Lubbock)

1 21 W SCHMEDEMANN PhD Assoc Prof Res Econ and Agr Policy

3J J SEIBERT MS Grain Mat Spec

12C E SHAFER PhD Assoc Prof Mktg

12R L SKRABANEK PhD Prof Sociol

2H E SMITH MS Res Assoc Livestock Mktg

12H B SORENSEN PhD Assoc Prof Mktg

2THOMAS SPORLEDER Asst Prof Mktg DevIpmt

3J M SPROTT MS - Econ Farm Mat 12RANDALL STELLY PhD - Assoc Prof Dairy Mtkg

3K L STEWART MS Area Fruit and Veg Mktg Spec (PO Weslaco)

3C A TAYLOR BS Area Farm Mgt Spec (PO Ft Stockton)

3W D TAYLOR MS Area Farm Mgt Spec (PO Overton)

12W L TROCK PhD Assoc Prof Res Econ

12W K UPHAM MS Asst Prof Sociol

23EDWARD UVACEK PhD Assoc Prof and Livestock Mkta Spec

126E S WEBB EdD Prof

3R E WHITSON MS Area Farm Mgt (PO Gonzales)

126R R WILSON MS Asst Prof Agr Econometrics

3KENNETH WOLF MBA Econ/Agribus

12A B WOOTEN PhD Prof Econ and Agr Policy

Agricultural Education 10010

136E H KNFBEL EdD Prof and Head of Dept (713-845-2951)

6JR BARTON BS Asst Prof Farm Arc Welding Spec 1H D BROWN EdD Assoc Prof 6LESTER BUFORD Asst Prof Subj Matter Spec

16P R CHILEN MS Assoc Prof

16J E CHRISTIANSEN PhD Assoc Prof

6C B EDWARDS MS Asst Prof Farm Arc Welding Spec 1DON HERRING PhD Asst Prof

14J W HOLCOMB MEd Assoc Prof

10 M HOLT EdD Assoc Prof

6B K JACOBS BS Asst Prof Swine Prod Spec

16R C JASKA MS Assoc Prof

6F C LITTERST BS Asst Prof Beef Cattle Spec

6P S NIX BS Asst Prof Pasture Spec

6W F PAGE MEd Asst Prof Coord Teaching Mater Ctr

10010-10050 **TEXAS**

Agricultural Education—Continued

6J B PAYNE MEd Asst Prof and Subject Matter Spec 6B T TOMLINSON MS Asst Prof and Subject Matter Spec

6NORMAN WAGGONER MS Asst Prof Tractor Maint Spec

6H C WALKUP MEd Asst Prof Farm Elec Spec

123E S WEBB EdD Prof

6C H YEATES BS Asst Prof Oxyacetylene Welding Spec

Agricultural Engineering

10020

123PRICE HOBGOOD MS Prof and Head of Dept (713-845-3931)

12W H ALDRED MS Asst Prof Farm Mach

3W S ALLEN MS Ext Agr Engin Form Structures

1J R BARTON BS Asst Prof Farm ARC Welding Spec and Agr Ed Spec Prog

5K R BEERWINKLE MS Agr Engin

5IVAN BERRY PhD Res Agr Engin

5L F BOUSE MS Agr Engin

IP R CHILEN MS Assoc Prof Mech Agr

1C B EDWARDS BS Asst Prof Farm Arc Welding Spec and Agr Ed Spec

12L J GLASS MS Instr Soil and Water Engin

5DANEL HAILE MS Res Agr Engin 12R C HANSON PhD Asst Prof Power and Mach

5A W HARTSTACK MS Agr Engin

12E A HILER PhD Asst Prof Soil and Water Engin

5J P HOLLINGSWORTH MS Agr Engin

1R C JASKA MS Assoc Prof and Coord Agr Ed Spec

3C W KEESE MS Ext Agr Engin Soil and Water Engin Safety

120 R KUNZE PhD Assoc Prof Agr Proc and Farm Elec **2WELDON** LAIRD Res Assoc Grain and Feed Proc

2WAYNE LePORI MS Res Assoc Veg Mech

1W E McCUNE MS Prof Farm Elec

3LEON NEW BS Area Irrig Spec (PO Lubbock)
3H P O'NEAL BS Ext Agr Engin Power Mach

2N K PERSON MS Asst Prof Grain and Feed Proc

12D L REDDELL PhD Asst Prof Soil and Water

3B G REEVES MS Ext Agr Engin Cotton Gin and Mech

12J W SORENSON Jr MS Prof Grain and Feed Proc

5R A STERMER MS Agr Engin

12B R STEWART PhD Asst Prof Farm Structures

12R E STEWART PhD Distinguished Prof Environ

1H C WALKUP MS Asst Prof Farm Elec Spec and Agr Ed Spec Prog

12L H WILKES MS Assoc Prof Power Mach

1C H YEATES BS Asst Prof Oxyacetylene Welding and Agr Ed Spec Prog

Agricultural Information

10030

23H H BREVARD MEd Actg Ed and Head (713-845-2211)

3W F BRADEN BS Area Inform Spec (PO Lubbock)
3D V BYNUM BA Area Inform Spec (PO Denton)

3Mrs ANN M COLE BS Pubs

23R H CULLEN Art Group Supr

2Mrs NANCY C DAVIS BA Pubs

12P D GOUGLER MS Asst Prof

23T L GREEN Artist

3Mrs DOROTHY A HOLL AND MEd Asst Ed Pubs

3J S HUNT BS Motion Picture Prod Tech

3F A KIKER Artist

3MARY K MAHONEY MS Area Inform Spec (PO Weslaco)

3J A MOUNCE Artist

23J W POTTS MS AsstEd News Coord **3**L A QUINN BS Radio-TV Spec

2Mrs HELEN B SCOTT MS Asst Ed Pubs

2Mrs BONNIE STEWART MEd Asst Ed Pubs

Animal Science

10040

1230 D BUTLER PhD Prof and Head of Dept (713-845-

3W W BAILEY BS Livestock and Meat Spec

12J W BASSETT PhD Assoc Prof Sheep Goats Wool Mohair

ROBERRY PhD Prof Emer Reprod (PO Cypress)

Animal Science-Continued

3J R BEVERLY MS Anim Reprod Spec Physiol of Reprod

12L H BREUER PhD Assoc Prof Rumin Nutr
3M C CALHOUN PhD Asst Prof Sheep and Goat Nutr (PC McGregor)

12A E CALVEZ BS Instr Swine

23S E CARPENTER BS Area Dairy Spec (PO Overton)

12Z L CARPENTER PhD Assoc Prof Meats Invest 12T C CARTWRIGHT PhD Prof Anim Brdg

1B F COBB PhD Asst Prof Marine Sci

3J J COWLEY PhD Livestock Spec Beef Cattle Swine (PO Weslaco)

3J W DAVIS BS Dairy Spec Dairy Prod 12C W DILL PhD Assoc Prof Dairy and Food Chem

12ARNO DRIEDGER PhD Asst Prof Rumin Nutr

12W C ELLIS PhD Assoc Prof Rumin Nutr

12H A FITZHUGH PhD Asst Prof Anim Brdg

12J L FLEEGER PhD Asst Prof Physiol of Reprod

1H W FRANKE MS Asst Prof Livestock Mktg 3J A GRAY MS Sheep and Goat Spec Sheep Goats (PO San Angelo)

3J L GROFF MEd Sheep and Goat Spec (PO Kerrville)

3R D GROOMS PhD Livestock Spec Beef Cattle Swine (PO Overton)

12FRED HALE MS Prof Emer Swine 3G R HOLLIS PhD Swine Spec (PO Lubbock)

1W W HOLTZAPPLE BS Beef Cattle Spec Agr Educ ವಿಶ್ವಾದ

2R L HOSTETLER MS Asst Prof Meats Chem

1BOB JACOBS BS Swine Prod Spec
12N M KIEFFER PhD Assoc Prof Cytogenet

12G T KING PhD Assoc Prof Meat Invest

12W A LANDMANN PhD Prof Meat Chem

12G T LANE PhD Asst Prof Dairy Prod

123R E LEIGHTON PhD Prof Dairy Prod

2B A LINK PhD Res Sci Meat Chem 1FRANK LITTERST BS Beef Cattle Spec Agr Educ

Spec

3L A MADDOX MS Cattle Spec Beef Cattle Brdg 2W S McGINNIS MS Res Assoc Anim Brdg

3A M MEEKMA MS Dairy Spec Dairy Prod 2A A MELTON MS Asst Prof Livestock Mgt

3F A ORTS PhD Meats Spec

3J C PARROTT PhD Area Beei Cattle Spec Beef Cattle (PO Amarillo)

123L S POPE PhD Prof and Assoc Dean of Agr

12H E RANDOLPH PhD Assoc Prof Dairy and Food Technol

12J K RIGGS MS Prof Beef Cattle
I W RUPEL PhD Prof Emer Dairy Prod

12L M SCHAKE PhD Assoc Prof Beef Cattle Feeding

12G C SMITH PhD Assoc Prof Meat Invest

12A M SORENSEN PhD Prof Physiol of Reprod

123T D TANKSLEY Jr PhD Assoc Prof and Swine Spec Swine

3W B THOMAS PhD Swine Spec Swine

3U D THOMPSON MEd Beef Cattle Spec Beef Cattle (Feeding)

12CARL VANDERZANT PhD Prof Dairy and Food Microbiol

2D F WESELI PhD Assoc Prof Immunogenet

3T H WHITE MS Area Dairy Spec (PO 490 Denton)
1L D WYTHE MS Asst Prof Livestock Selec

3B YEATES BS Horse Spec Horses

Biochemistry and Biophysics

10050

12W A LANDMANN PhD Prof and Acta Head Biochem of Muscle (713-845-5011)

12J M PRESCOTT PhD Prof and Dean Col of Sci Proteins and Enzymes

12G W BATES PhD Asst Prof Phys Biochem.

2MARY E BAYLISS BS Res Assect

12N R BOTTINO PhD Assoc Prot Lipi H Metab

12B J CAMP PhD Prof Toxicol

ICM CATER PhD Asst Prof Protein Chem

12J R COUCH PhD Prof Poultry Nutr

12C R CREGER PhD Assoc Prof Metab

15H R CROCKSHANK PhD Lect Min Nutr

2D L CULLEN PhD Post Doctoral Fellow

TEXAS 10050-10090

Biochemistry and Biophysics-Continued Chemistry (Cal of Sci)-Continued 12J W DIECKERT PhD Prof Cellular Diff 12G A DONOVAN PhD Asst Prof Biochem Genet 1R M HEDGES PhD Prof 10 A HORVE PhD Prof 1K F IRGOLIC PhD Asst Prof 12R D GRISBY PhD Asst Prof Mass Spect 2A R HANKS PhD Asst Prof 1A F ISBELL PhD Prof 12H O KUNKEL PhD Prof; Dean Col of Agr; Actq Dır 1H KAYE PhD Asst Prof 1J LAANE PhD Asst Prof TAES Metab 12R W LEWIS PhD Prof Nutr Anticarcincgens 1D R LEE MS Assoc Prof 2B A LINK PhD Post Doctoral Fellow 1JANE M MAGILL PhD Instr 18 A LLUILNION PhD Aust Prof. 1H A LIEBHAFSKY PhD Prof 1E F MEYER Jr PhD Asst Prof X-Ray Crystallography 11 H 1 UNSECRED PhL Assoc Prof. 1R D MACFARLANE PhD Prof 6GLEN MOTT MS Res Assoc 1: C MAPIANO PhD Asst Prof 1E A MEYERS PhD Prof 12J NAGYVARY PhD Assoc Prof Nucleotide Chem 12C N PACE PhD Asst Prof Chem and Macron.olecules 2P K RAJU PhD Res Sc1 1J B NATOWITZ PhD Asst Prof 1D H C'BRIEN PhD Assoc Prof 1W M PASIKA PhD Assoc Prof 1A S HODGERS PhD Assoc Prof 2A G RAO PhD Res Sci **2**JOHN REBELLO Post Doctoral Fellow 2RAYMOND REISER PhD Dist Prof Lipid Biochem 1 | Park Find Asst Prof 10 Website PhD Asst Prof 2M C THOMAS MS Res Assoc 2Mrs MARY M TRANT BS Res Assoc 1E A SCHWEIKERT PhD Asst Prof 2Mrs STELLA WILKES Res Assoc 15 L SHAPIRO PhD Prof 5Mrs ERMA S VANDERZANT PhD Biochem Ins Nutr 1F SICILIO PnD Prof 1R D STIPANOVIC PLD Asst Prof Biology (Col of Sci) 1T T SUGIHARA PhD Prof 1006C 1J van OVERBEEK PhD Dir (713-845-6131) 1A D SUTTLE Jr PhD Prof and Vice Pres for Res Arebo Frof IWP FIFE PhD Asst Dir 1Y ... A. irt. 1R N TRAXLER PhD Prof 1J W ANDERSON PhD Asst Prof 1M TSUTSUI PhD Prof 1S O BROWN PhD Prof IW J CLARK PhD Assoc Prof 1R L WATSON PhD Asst Prof 1E COX PhD Asst Prof 1R D WHEALY PhD Prof 1R C WILHOIT PhD Assoc Prof 1R A ZINGARO PhD Prof 1K H DAHM PhD Prof IL S DILLON PhD Prof 1B J ZWOLINSKI PhD Prof IW J DOBSON PhD Prof 1B G FOSTER PhD Assoc Prof 1J D GOESCHL PhD Asst Prof Entemology

123F I ALEICUCN Phil Prot and Heart Cotten Ins
(7.3-rd-20.c)

The Fire Fire (PC Lubbook) 10090 IVE GRANT PhD Prof 1H L GRAVETT PhD Prof 1H W HARRY PhD Assoc Prof 3i. F BCRING III BC Area Ent Ext (PC Lubbock) 1S H HOPKINS PhD Prof 51 1 HULL, PnI Re. Ent Cotton Ins 20 1 BTRGIN BS Chief Foulbrood Insp Foulbrood 1K HORVATH PhD Asst Prof 1H KLEEREKOPER PhD Prof 12H HIM J-KE, PhD Frof Inst Taxon
3W TOMMER Find Area Ent Ext (PO Lubbock)
3 TOMMER Find Area Ent Ext (PO Control No. 1) 1W R KLEMM PhD Prof 1G M KRISE PhD Prof 1J G MACKIN PhD Prof 3 1 1 1.5 F.M. Area Ent Ext (PO Gonzales)
5 F. J. Frild W. Ph. D. Rec Ent Cotton Ins IK P KUCHNOW PhD Asst Prof 1K J McCREE PhD Assoc Prof 3 For China at Profession to Cotton and 3 For China British Area Ent Ext (PO Overton) 5h in Titure in ShD Acad Professions 20 A For Alakin Ently Acad Profession Ently 3. For Grant National Survival 1D D McLAIN PhD Asst Prof 1H A ROLLER PhD Prof 1I V SARKISSIAN PhD Prof 1G L SCHROETER PhD Asst Prof 2° A riAl. Equit rood Imp 31° riAl. VAN M. Allet Ent Ext 126° L. HANNA PhD Assoc Prof Cotton Ins 1J J SPERRY PhD Prof IM H SWEET PhD Assoc Prof IW A TABER PhD Prof 12: CHARRA FILE ASSOCIATION INS 11: IN FILE MER Ph. Res Acuse Physiol 25: CHAR KILLER Int Cotton Ins 12: L. KIFLEY File Asst Fref Physiol 5: F. KIFL. Sec Ent Livestock Ins Invest IL E THURSTON PhD Asst Prof 1E A TSUTSUI PhD Assoc Prof 1C H M van BAVEL PhD Prof 1B F WATSON PhD Asst Prof 12V A LITTLE Fin: Prof Emer Cotton Ins 5H K MOHRISON BS = ant Cotton Ins 1J P WIEBE PhD Asst Prof 1W B WILSON PhD Asst Prof 3C W NEEB BS Ext Area Ent (PO Ft Stockton) 1U G WHITEHOUSE PhD Assoc Prof **2**S J NEMEC BS | Res Assoc Cotton Ins 3W H NEWTON PhD Ent Ext 21 L. HAYNE PhD Asst Prof For Ins Chemistry (Col of Sci) 10070 2F W PLAPP PhD Assoc Prof Toxicol 1A E MARTELL PhD Prof and Head of Dept 12M A PRICE MS Assoc Prof Vet Ent (713-845-2011) 12N M RANDOLPH MS Assoc Prof Forage Crops Ins 12H J REINHARL BS Prof Emer Ins Taxon 1E T ADAMS Jr PhD Assoc Prof 1R B ALEXANDER PhD Assoc Prof 31 Ch. RUMMEL PhD Area Ent (PO Lubbock)
5R L KILGWAY PhD Ent in Cha Cotton Ins 1J B BECKHAM MS Assoc Dean of Sci 1D W BROOKS PhD Asst Prof 12J C SCHAFFNER PhD Assoc Prof Fruit Ins 1P K CALAWAY PhD Prof 21 W JMI i'H PhL Asst Prof Peanut Ins 1D C CONWAY PhD Prof 12W L STERLING PhD Asst Prof Cotton Ins 1J H FENDLER PhD Assoc Prof 5ft A STOKES MS Chem. Cotton Ins 3: C CHCMAS Ph.L. Ent Ext IC S GIAM PhD Asst Prof 1K A GINGERICH PhD Prof 5PATRITK THOMESON PhD Hes Ent Liveutock Ins 1J K GLADDEN PhD Prof 1G I GLCVER PhD Asst Prof 3H A TURNEY MC Area Ent (PO Denton)
2H W LAY TURNEY, PhD Asst Prof Pecan Ins
2W I WINCH | Foultrood Insp 1J S HAM PhD Prof

1C K HANCOCK PhD Prof 1K E HARDING PhD Prof

TEXAS 10090-10145 10140 Home Economics 3Mr.: LORENCE W LOW MS Asst Lir for Home Econ Entomology—Continued Acr Ext (713-845-6411) 123 B VINSON PhD Assoc Prof Physiol 2J K WALKER MS Asst Prof Cotton Ins
5C J WHITTEN MS Ent Cotton Ins
5J E WRIGHT PhD Res Ent Livestock Ins Invest 2ALICE C STUBBS PhD Actg Head Home Econ Res and Assoc Prof 3ALICE F ANDERSON BS Asst Foods and Nutr Spec 3MINNIE E BELL MS | Spec in Fam Life Educ 3JANE BERRY MS Area Spec in Hour and Home Furn 10100 Extension Administration 3L L BURLESON MS Pers Devlpmt Off (PO Houston) 3C H DOERGE BS | Exec Staft Asst (713-845-6411) 3Mr. I'LURENCE W LOW MS | Asst Dir for Hom Econ 3Mrs GWENDCLYNE CLYATT MS Spec Consum Mktq (PC Houston) 3JANE W. COHEN BS Asst Foods and Nutr Spec (ENP-3D C PFANNSTIEL PhD Asst Dir Youth) 3J H ROTHE BS State Agr Agt 3FANNIE BEFATON MA Spen in Cloth 3A H WALKER MS State Agr Ldr 3 NULITH K HILMORE PSHE | Spec in Cloth 3CLAUTIA S WILLIAMS MS - State Home Demon Agt 3L JANE FILEICHER MS Spec in Fam. Life Educ
3MYFILE E GAMBETT M. Frog Spec Limited Income
3GHAHAM E HARD PhD Spec in Cloth
3JENNIL & KITCHING M. Spec in Fam. Life Educ
3BONNIL & LYERLY MS Spec in Home Mgt Extension Supervision 10110 3VERA E ADAMS MA Dist Agt (PO San Angelo) 3J E BURLESON BS Dist Aut (PO Stephenville) 3MARY L COTHRAN MS Dist Agt (PO Overton) 3Mrs TOM JOYCE CUNNINGHAM MS Dist Agt (PO 3L RMII LLRMS Recr Spec 3Min | OFIC MYTIRS MS | Specint Horse Mat Denton) 3BONNY OLSEN MS | Spec in Hous and Home Furn 3V L PELLETT Phb | Spec in Mental Health-Mental 3N SUE FARRIS BS Dist Agt (PO Amarillo) 3ALMA F FLIPPO MEd - Dist Adv (PC Wedluco) 3W W GRISHAM Jr BS Dist Agt (PO Amarillo) Retard Educ 3B C GUNTER MS Dist Agt (PO Lubbock) 3FRANCES L REASONOVER MA Foods and Nutr Spec 3Mrs ANNIE MAE HATCHETT MHE Ed Dist Agt (PO 3Mrs HAZEL L ROBERTS MS Cloth Spiro 3LAURA J PUSSELL MS Area Spec in Hous and Home Eurn (PO Denton) 3SALLY SPHINGER MS | Foods and Natr Spec 3Mrs ROBERTA JOHNSON BS Dist Agt (PO Ft 3J O STANDLEY MA | Spec in Mental Health-Mental Stockton) hetard Educ 3ANNIE LUCY LANE MEd Dist Agt (PO Stephenville) 3JOANNE M THURBER PS | Spec in Consum Ed 30 H LEHMBERG MEd - Dist Agt (PC Overton) 3R S LOFTIS BS Dist Agt (PO Overton) 3JIMMY K ULLOM MS - Spec in Foods and Nutr 3TED MARTIN BS Dist Agt (PO Denton) 3GUILLERMINA VALDEZ BS Assit Foods and Nutr Spec 3Mrs AUBREY W RUSSELL MA Dist Agt (PO Lubbock) (ENP-Youth) 3J D SELMAN BS Dist Agt (PO Weslaco) 3R D SIEGMUND BS Dist Agt (PO Ft Stockton) 10145 Natural Biosciences, School of 3J G SIMMONS BS Dist Agt (PO Vernon) RANGE SCIENCE 3Mrs ANN B SONNER MEd Dist Agt (PO Overton) 123C L LEINWEBER PhD Prof and Head of Dept **3**U B CTCCKARD MEd Dist Agt (PC College Station) (713-845-6531) 3A F. TURNER MEd Dist Agt (PO San Angelo)
3LEOTA WHITE MS Dist Agt (PO Gonzales) 2T J ALLIEN Phi Asst Froi Brush Centrol 2R L/ BAKER Res Assoc 5J P RAUR PhD Plant Physiol5R W BOVEY PhD Agron 10120 Farm Service **2**A A MELLION MS Farms Mar (713-846-5578) 2JACK BOWMER MS - Asst Runge Sci Veg Control 2F S LAVIS PhD Assoc Prof Brush Centrol 12J D I GL L PhD Prof Plant Ecol 2h F. MILLER Farm Res Serv Mar (713-846-5578) 10125 12G B DONART PhD Asst Prof Range Mgt Feed and Fertilizer Control Service 2C E FIGHER Prot Brush Control (PO Lubbock) **2**D R McDONALD Dir (713-845-1121) 21 \ BARNETT BS Insp (PO Victoria) 12F W GOULD PhD Pisting Prof Agrostol 2P H HAAS Phi Asst Prof Brush Control 28 F BLANKENSHIP BS Admin Asst 21.A # ENCE BUICE Insp (PC Amarillo) 3GG HCLEMAN MS Brush and Weed Control Spec 12M M KOTHMANN PhD Asst Prof Range Sci 12W G McCULLY PhD Prof Grassland Mit 20RAN COKER Jr Insp (PO Lockhart) 2N N CCLUMBETTI MBA Asst Dir, Aud 2L B MERRILL PhD Assoc Prot Range Mat (PO 2PAT DIAL Asst Aud 26 HI UHRENBERGER BS Insp (PO Westfield) Conora) 21 M HAIRSTON BS Insp (PO Lubbock) 2J W JAMES Jr BS Admin Asst 5R E. MEYEK PhD Plant Physiol 3R V MILLER PhD Area Range and Brush Spec Range Mgt (PO Vernon) 2W E O'NEAL BS Insp (PC Corsicana) 2C C PERRY MA Chief Insp (PO Dallas) 2P C OHLENBUSCH MS | Res Assoc Personous Plant 2R M PUTNAM BS Insp (PO Lutkin) Stud (PO Midkiff) 3B J RAGSMALE PhD Range Spec Bange Mgt 2A M RENERC BS Insp (PO Denton) 21 B H. T. BS Insp (PO Linciale)
2GENE RISER Insp (PO Kingsville)
2J R SCOT! Insp (PO Ft Worth)
2D L SHEEF BS Insp (PC Vernon)
2I J SHENKIR BS Control Req 2C W ROBINSON MS Res Assoc Ver Control 3J C HOPGERS MS - Ext Range Spec Range Mgt 2C J SCHERES PhD Asst Prof Brush Control 2F E SMEINS PhP Asst Prof Plant Ecol RECREATION AND PARKS 2L G SILLES BS Control Reg 123L M. P. W. Phi Prof and Head of Dept (713-845-5411)
12R L. BURY PhD Assoc Prof Outdoor Recr 21 T TAYLOR BA Insp (PC San Marcos) 2J C WILLIAMSON BS Insp (PO Brownwood) **2**G B WILSON BS Insp (PC San Angelo) 12M L CLARKE PhD Asst Prof Recr and Park Admin 12R E COUCH MS | Instr Community Resr 12C A GUNN PnD | Frof Tourist and Pecr Devlpmt 2WALTER YOUNG BS Insp (PO Bryan)

Forest Service Administration

10130

2EOULTHOLGES MC Res Assoc Park Admin
12PLLE INGRAM PnD Asst Prot Recr and Park Admin

3JI JONES RS Ext Spec Resource Devlomt 3BI RAMP MS Ext Spec in Reim and Parks

2B L MAHAFFEY Res Assoc Interpret 1J E C'RCUPKE Lect Park Plannici

67 A ANDERSON MS Inform and Fduc Dept (713-845-

6J O BURNSIDE BS Fire Control Dept (PO Lufkin)
6A E LUND DF For Prods Dept (PO Lufkin)
6DON YOUNG MF Mgt Dept

10145-10180 TEXAS

Natural Biosciences, School of-Continued

12I W SCHMEDEMANN PhD Asst Prof Resource Econ and Agr Policy

TISLOAN MS | Ext Spec Resource Devlpmt

3J C STRIBLING MS Ext Spec Resource Devlpmt 123F W JUGGITT DPA Prof Recr Planning and Resource Devimpt

10 S VAN LOREN PhD Assoc Prof Region Recr Devlpmt

WILDLIFE SCIENCE

1231 G FEER PhD Prof and Head of Dept Ecol and Wild-Lie Mgt (713-845-675.)

12E D AELES PhD Asst Prof Ecol and Wildlife Mgt 12DAVI! ALDHICH Assoc Prof Ecol and Maricult 12KEITH ARNOLD PhD Asst Prof Omith and Ecol

1R J BALDAUF PhD Prof Fisheries Biol, Herpetol, Morphol and Conserv Educ

2L H BLANKENSHIP PhD Res Sci Ecol and Wildlife Mgt (PO Nairobi, Kenya)

1D C CARTER PhD Assoc Prof Mammal and Verteb Syst 12D R CLARK PhD Asst Prof Ecol and Herpetol

12W J CLARK PhD Assoc Prof Limnol and Aquatic Eccl

1W B CAVIS PhD Prot Emer Mammal and Verteb Syst 12J H DIXON PhD Assoc Prof Herpetol, Verteb Syst Ecol

2C R FIELD PhD Res Sci (PO Nairobi, Kenya)

2NATHAN FORREST MS Res Assoc Wildlife Econ 3HOY! HOLCOMB &S Program Asst Maricult (PO Angleton)

2FCN HOCE HS Res Assoc (PC Carrize Springs)
12J M INGLIS PhD Assoc Prof Ecol and Wildlife Mgt

12H DIRBY PhD Asst Prof Ecol and Wildlife Mgt 121 R KELLLY Jr PhD - Asst Prot Fisheries Biol and

Aquaculture 2W H KIEL Jr MS Res Assoc Ecol and Wildlife (PO Kingsv.He)

3W G KLUSSMANN MS Wildlife Spec Fisheries and Augcult

3JACK PARKER MS Marine Adv Spec Maricult 3CHARLETO HAMSEY BS Wildlife Spec Ecol and Wildlife Mat

2HOLLII, HEIMER PhD Asst Pro: Estuarine and Taxon Crustacea (FC Bacliff)

3H H SCHMITTOU PhD | Lisheries Spec

2W JOHNE FILLD Jr MS Res Assoc Ecol and Wildlife Mat

2HCNALL SKCOG PhD Res Sci Ecol and Wildlife Mgt 3D WICTEINBACH BS Fisheries Demon Asst Fisheries 12KIRK SIRAWN PhD Prof Fisheries Biol Physiol Ecol

Plant Sciences

123D & HOUBERG PhD Prof and Head of Dept (713-845-74. (1)

3E J AMADOR PhD Area Plant Path (PO Weslaco)

5A A BELLEPHO Plant Path 12C B BENELICT PhO Prof Nucleic Acids

3R W BERRY PhD Area Plant Path (PO Lubbock)

2L S BIRD PhD Prof Plant Path

5R A BOLLER MS Plant Path

2H G DAVIS PnD Post Poctoral Fellow Plant Path

12G A.I. CILC VAN Phil. Asst Prof Molec Genet

12R A FREDERIKSEN PhD Asst Prof Plant Path

25C II GA III C Fini - From Status Applite Genet Problems
51 II GUIGH Fini - Flant Path

125 3 HALLIWELL PhD Assoc Prof Virol

12G E HART PhD Asst Prof Cytogenet
3C W HORNE PhD Ext Plant Path
12H E JOHAM PhD Prof Plant Physiol

31 F JOHNSON MS Ext Plant Path

12W R JORDAN PhD Asst Prof Plant Physiol

5DL KETRING PhD Plant Physiol

12N M KIEFFER PhD Assoc Prof Cytogenet

2A E LAUCHLI Phi Aset Prot Plant Physiol

123 T LYDA PhD Assoc Prof Soil Microbiol

12: W MAGILL PhD Asst Prof Fungal Genet
3N L McCOY PhD Area Plant Path (PO Denton)
1N A McNIEL PhD Assoc Prof Genet
2C S MILLER PhD Assoc Prof Plant Physiol

12F W MORGAN PhD Prof Prant Envirol

12R E PETTIT PhD Asst Prof Soil-borne Dis

Plant Sciences—Continued

12R D POWELL PhD Assoc Prof Plant Physiol

5H W SCHROEDER PhD Plant Path Rice Dis

12j D SMITH PhD Prof Genet
3L R SMITH PhD Area Plant Path (PO Overton)

2RUTH A TABER MS Res Assoc Plant Path

12W H THAMES Jr PhD Prof Plant Nematol

12R W TOLER PhD Asst Prof Cereals Virol

4N J TOLMSOFF PhD Plant Path Metab Plant Pathogens

12EP VAN ARSDEL PhD Assoc Prof For Path

25J P van BUIJTENEN PhD Assoc Prof For Genet

1G M WATKINS PhD Prof Plant Path
25R A WOESSNER PhD Asst Prof For Genet

Poultry Science

10160

123J H QUISENBERRY PhD Prof and Head of Dept Poultry Brdg, Feeding, and Mat (713-845-1931)

12R L ATKINSON PhD Assoc Prof Turkey Feeding and Brda

12J W BRADLEY MS Asst Prof Farm Mgt

3W O CAWLEY MS Poultry Spec Poultry Prod 12J R COUCH PhD Prof Nutr

12C R CREGER PhD Asst Prof Nutr

2B H DORAN MS Asst Poultry Sci Prod and Mgt

12R C FANGUY PhD Assoc Prof Blood Antigens

12T M FERGUSON PhD Prof Physiol and Histopath

2J C FOWLER MS Res Assoc Mgt

12F A GARDNER PhD Assoc Prof Mktg Tech

2F A GOLAN PhD Supvr Natl Poultry and Turkey Impr Plans

12W F KRUEGER PhD Prof Incubat Brda and Pop Genet 2ANNA M LOGAN MS Res Assoc Mgt

23D i: MELLOR PhD Poultry Mktg Spec and Assoc Prof

3M M MILLER MS Poultry Mktq Spec
12C B RYAN PhD Assoc Prof Poultry Environ

3FREL RICK THORNBERRY PhD Area Poultry Spec Foultry Prod (PO Overton)

3B € WORMELLI MS Poultry Husbandman Mqt

2L I. YOUNG Res Assoc Market Tech

Soil and Crop Sciences

123M E. BLOOD WORTH PhD Prof and Head of Dept (713-845-3041)

3G L ALCTON MS Area Agron (PO Overton)

12W B ANDERSON PhD Asst Prof Soil Fert and Nutr

15EC BASHAW PhD Genet Forage Grasses 12H T BLACKHURST PhD Prof Veg Brdg

2A J BOCKHOLT PhD Asst Prof Com Brdg

12H H BOWEN PhD Asst Prof Pomol

3JOHN BOX BS Assoc Agron Soil Mgt

2Mrs META S BROWN PhD Prof Cotton Cytogenet

1K W BROWN PhD Asst Prof Soil Physics

10 E BROWN MS Instr Ornam

12E E BURNS PhD Assoc Prof Food Technol

2C D CARSON MS Instr Soil Mineral

3C R CARTER PhD Soil and Water Conserv Soil Classif

16CARL CATER Phi Asst Fru: Protein Chem.

3J S CHAPIN PhF Area Agron (PO Stephenville)

12L F. CLARK PhD Asst Prof Seed Technol

3J F. COLL MS Area Agron (PO Denton)

2J W COLLIER PhD Assoc Prof Fdn Seed

3S L GOTNER MS Area Veg Spec (PO San Antonio)
3R C DEWERS Ph. County Ornam Hort (PO San Antonio)
12A F DEWERTH MS Prof Plant Propagation

1J & DIXON PhD Prof Clay Mineral

2C R DOUGLAS PhD Asst Prof Cotton Cytol

12R L DUBLE PhD Asst Prof Turf

2E F EASTIN PhD Asst Prof Weed Sci

3F C ELLIOTT MS Cotton Spec
3TF1 FISHER MS County Ornam Hort (FO Austin)

5P A FRYXELL PhD Res Genet Cotton Taxon
2E C GILMORD PhD Assoc Prof Genet and Plant Brda

12C L GODFREY PhD Prof Soil Classif

3CARL GRAY PhD Soil Chem Soil Fert and Soil Test

3D S HALL MS Area Landsc Hort (PO Overton)

3B G HANFOCK MS Hort

3R J.HOT JET B3 Agron Small Grains
21 J.HOT JELL Frot Porage

3h 3 Build Bulot. Pal Area Agron (r.C. Westree)

10180-10250 TEXAS

Settland Con Seturne Constant	Veterinary Anatomy-Continued		
Soil and Crop Sciences - Continued 2L R HOSSNER PhD Assoc Prof Soil Chem.	1B V GUSTAFSON DVM Instr		
3E E JANNE MS Londsc Hort	1W F HAENSLY LVM PhD Assoc Prof		
5M L KINMAN PhD Agron Oilseed	1AGKEMLERDVMMS Prof		
5R J KOHEL PhD Genet Cotton	1JE MARTIN DVM MG - Asst Prof		
12G & KUNZII PhD Prof Soil Mineral and Dean Grad Col	1) H MILLIF F DVM PHD Prof		
3J E LARSEN PhD Hort	IM E TATUM DVM MS Asst Prof		
3K E LINDSEY MS Ext Area Agron (PO Ft Stockton)	Veterinary Medicine and Surgery 10220		
3T D LONGBRAKE BS Area Veg Spec (PO Weslaco) 3D A LOVELACE PhD Area Aaron Forages (PO Vernon)	12M R CALLIHAM DVM BS Prof and Head of Dept		
30 F LYONS Jr PhD Hort Citrus (FC Western)	(713-845-6025)		
16KAR! MATTIL PhD Profit on I Prod Best	THE WEAT TWIN ! VM MS Asst Prof		
ITE McAFEE PhD Proi Grain Cleps	1W C BANKS DVM MS Prof		
3G O Malia CHERN BS - Asst Hort	1H P BARRON DVM MS Prof		
2M F Mc. ANIEL Ph. Asst Prof Cereal Trops Brdq	1C L BOYD DVM Assoc Prof		
126J R.M.L.TON PhD Asst Prot Soil Chem	10.1. BEOWN DVM - Asst Prof 1.T.L. BULLARD DVM - Asst Prof		
20 G MENN MS I Instricturf Res 2M G MERKLE PhD Prof Weed Sc:	12 I BURNS DVM Asst Frot		
50 G MERKLE PhD Res Agron Small Grains	1D K CHESTER DVM Asst Prof		
3K B METZER PhD Asst Prof Area Agron (PO Lubbock)	11 L CAME of LL. Instr		
12M H MILFORD PhD Assoc Prof Coll Sci	1J F DENTON DVM Assoc Prof		
2F F MILLER MS Res Assoc Grain Sorghum	1E W ELLETT DVM MS Prof		
12J F MILLS MS Assoc Prof Soil Conserv	THE BENGLANCE VM - Asst Prof TELL GABLE VM MC - Asst Prof		
12A E NIGHTINGALE PhD Asst Prof Ornam 2G A NILES PhD Assoc Prof Plant Brdg	10 L HALL DVM - Asst Prof		
6P S NIX BS Pasture Impr Forage	1L V HALUFILKA I VM - Instr		
3A C NOVOSAD MS Pasture Specification	15 A Fir infinite DVM Instr		
3% I PALMER PhD Assoc Pro: Agron Weed Control	1M R HERRON DVM Asst Prof		
2D R PATERSON PhD Assoc Prof Mineral Nutr	1G M GOWING DVM MS Assoc Prof		
3H D PENNINGTON BS Asc: Soil Inem Soil Test	1E D. PULNIAM. Asst Prof		
12B A PERRY PhD Prof Veg Brdg	1H P HOUSON DVM Assoc Prof		
3F C PETR PhD Assoc Prot Auron Ved Crops (PC	14D H HOWARD DVM - Alder Prof 10 H TOYOR CVM MS - Alder Jine		
Amarillo) 2 L M PIKE PhD - Abst Prof Fruits and Nats	1W J KILEATRICK I VM MV - A weet Frof		
3ARLIE POWELL PhD Fixt	1K & KNAUEB LVM Asit Pru		
31 N PRATT PhD Agron TVA-Pastures	1W 1 McMULLAN I VM MS - As at Prof		
18 C FG MIS PhU Frof and Assoc Dean of Agr Forace and	10 to Mc Rifelo TVM - Asst Prof		
Turf	THE FLAY TER I VM AGE Froi		
3J D PRICE PhD Agr Chem	1J. C. RAMGE_DVM_PhD = Prof 1W.M. ROMANE_DVM_MS = Prof		
5T R RICHMOND PhD Agron Cotton 3RONALE RCHRINS PhI Agent Condr. Hort (PO Lub-	IWL SIPPEL DVM PhD Prof		
book)	IM ! YOU'NG I'VM Assoc Prof		
3J B ROGERO MC - Asst Area Aincr. To J Chemistry			
(PG Luk-pock)	Veterinary Microbiology 10230		
101 FIGOREVIES I DOG 101	19 12 Pital III I MANG To a second and 2 Dece /710		
12L & HOONEY EnD Assoc Prof Gereal Chem	121 FORLING EVM MS Profum: Head of Dept (713-		
1R H RUCKER MS Prof Hort Critan.	54 - 94.1		
1E H RUCKER MS Prof Hort Cm in. 12J R RUNKLES PhD Prof Soil Phys	54 - 94. ` 2J E GRIMES PhD - Asst Prof Serol		
1E H RUCKER MS Prof Hort Craim. 12J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest	54 - 594.` 2J E GRIMES PhD Asst Prof Serol 1 CEL OCLUMAN I VM Instr		
1E H RUCKER MS Prof Hort Cm in. 12J R RUNKLES PhD Prof Soil Phys	54 - 94. ` 2J E GRIMES PhD - Asst Prof Serol		
1E H RUCKER MS Prof Hort Critim. 12J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C I SMITH PhD Asst Prof Feanut Brida	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAINT VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK FRITOVM Asst Prof Virol 12F THITALGO EVM PhD Assor Prof Bact		
12 H RUCKER MS Prof Hort Crubin. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Feanut Brda 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C JEFFICE MS Area Auron (PC Sherman)	2J E GRIMES PhD Asst Prof Serol 1 CEL Gell MAINT VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM PhD Assoc Prof Bact 11 NHUTTLLVM MS Assoc Prof		
12 H RUCKER MS Prof Hort Crolum. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C I SMITH PhD Asst Prof Feanut Brda 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SEPTICE MS Area Auron (PC Sherman) 3NEIL SHELFFY MS County Ornan Hort (PO Dailas)	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAINT VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK PhI DVM Asst Prof Virol 12F THITALICO EVM PhD Assoc Prof Bact 11 M HUTTL VM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Featurt Bridg 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFERGE MS Area Auron (PC Sherman) 3NEIL SFERFY MS County Ornam Hort (PO Dailas) 12H E STATEN PhL Assoc Prof Legumes and Porage	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK PhI DVM Asst Prof Virol 12F THII ALGO E VM PhD Assoc Prof Bact 11 M HUTTI LVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F I KLAHEY I VM Acst Frof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Feanut Bridg 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFERGE MS Area Auron (PC Sherman) 3NEIL SFERFY MS County Ornam Hort (PO Dailas) 12H E STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAINT VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Sact 11 WHUTH LIVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY LIVM Asst Frof 1G W KLOVLL DVM MC Assoc Prof		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Featuat Brida 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SHITH PhD Area Auron (PC Sherman) 3NI IL SHILHBY MS County Ornam Hort (PO Dailas) 12E L STATEN PhD Assoc Prof Legumes and Porage 12J B STOREY PhD Assoc Prof Pomol 2A R SWORDDA PhD Asst Prof Phys Chem of Soil	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK PhI DVM Asst Prof Virol 12F THII ALGO E VM PhD Assoc Prof Bact 11 M HUTTI LVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F I KLAHEY I VM Acst Frof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Feanut Bridg 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFERGE MS Area Auron (PC Sherman) 3NEIL SFERFY MS County Ornam Hort (PO Dailas) 12H E STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK FELLOVM Asst Prof Virol 12F THIT ALGOLD VM PhD Assoc Prof Bact 11 M HUTT LIVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E IT KLAHEY I VM Abst Frot 1G W KLOVILL DVM MC Assoc Pref 2K I KULTULER DVM PhD Prof 2L In LEMIN Fabr Asst Frot Bact 2 The Assoc Prof Virol		
12 H RUCKER MS Prof Hort Grain. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFINCE MS Area Auron (PC Sherman) 3NEIL SHEERY MS County Ornan Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK FHI DVM Asst Prof Virol 12F THITALGO E VM PhD Assoc Prof Bact 11 M HUTTILVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Abst Frot 1G W KLOST DVM MC Assoc Pref 2K I KULTILER DVM PhD Prof 2L H LEARLY BASIC Frot Bact 2. The Art Model MIDELL DVM MC Assoc Prof Virol 2E A Model Find VM MC Prof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Featurt Bridg 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFINCE MS Area Auron (PC Sherman) 3NEIL SHEERY MS County Ornam Hort (PO Dailas) 12H L STATEN PhL Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Pdn Seed 12C H M van BAVEL PhL Prof Soil Phys	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM MS Assoc Prof Bact 11 WHUTT LOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F F KLAHEY LVM Abst Frot 1G W KLOVEL DVM MC Assoc Pref 2K L KULT LICH DVM PhL Prof 2L H LILLATOR DVM PhL Prof 2L H LILLATOR Asst Frot Bact 2CT Asst Model NOTE LICH MAN Assoc Prof Virol 2E A Model Res Assoc Biochem		
12 H RUCKER MS Prof Hort Grain. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Featuat Brida 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SFINCE MS Area Auron (PC Sherman) 3NEIL SHEERY MS County Ornam Hort (PO Dailas) 12H L STATEN PhL Assoc Prof Legumes and Forage 12J B STOREY PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Arron Edn Seed 12C H M van BAVEL PhL Prof Scil Phys 12W L VITOPIL BS Instr Flor Ornam	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Virol 12F THICALGO EVM PhD Assoc Prof Bact 11 M HUTTLOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Abst Frot 1G W KLOVO DVM MC Assoc Pref 2K I KUNDLEH DVM PhL Prof 2L H LEALO Fab Asst Frot Bact 2C TART MAN MIDELL DVM MC Assoc Prof Virol 2E A M BELL VM MC Prof 2G E MOTT MS Res Assoc Biochem 2H F BELLMAN BOWN Prof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFILTE MS Area Auron (PC Sherman) 3NEIL SHEERY MS County Ornam Hort (PO Dailas) 12H E STATEN PhL Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Fdn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Asst Prof Joil Microbiol	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THUTK FELL DVM Asst Prof Virol 12F THITALGO E VM PhD Assoc Prof Bact 11 M HUTT D VM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Abst Frot 1G W KLOVED DVM MC Assoc Pref 2K L KULDLER DVM PhD Prof 2L H LEALO BVM PhD Prof 2L H LEALO BVM NO Prof 2R A M BET I VM MC Prof 2G E MOTT MS Res Assoc Biochem 2H F OFFL MAIN TOWN Instr Bact		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SHITH E MS Area Auron (PC Sherman) 3NEIL SHITHEY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Arron Edn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frot and Soil Chem Soil Test	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Virol 12F THICALGO EVM PhD Assoc Prof Bact 11 M HUTTLOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Abst Frot 1G W KLOVO DVM MC Assoc Pref 2K I KUNDLEH DVM PhL Prof 2L H LEALO Fab Asst Frot Bact 2C TART MAN MIDELL DVM MC Assoc Prof Virol 2E A M BELL VM MC Prof 2G E MOTT MS Res Assoc Biochem 2H F BELLMAN BOWN Prof		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFILTE MS Area Auron (PC Sherman) 3NEIL SHEERY MS County Ornam Hort (PO Dailas) 12H E STATEN PhL Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Fdn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Asst Prof Joil Microbiol	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Assoc Prof Bact 11 M HUTTLOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY LVM Asst Frot 1G W KLOVOLD DVM MC Assoc Prof 2K LECTIOLEH DVM PhL Prof 2L HILLARD Fab Asst Frot Bact 2CT As CONNINCELL COMMIC Assoc Prof Virol 2E AM HILLAND FOR 2G F MOTT MS Res Assoc Biochem 2H F BELLMAN BOWN Prof 1E F SIMPON LVM Instr Bact 2MASCHALL MALLAND DVM Instr		
12 H RUCKER MS Prof Hort Graim. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SHITH E MS Area Auron (PC Sherman) 3NETL SHITH PhD Assoc Prof Legumes and Forage 12 J B STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Edn Seed 12C H M van BAVEL PhD Prof Scil Phys 12W L VITOPIL BS Instr Flor Graam 12R W WEAVER PhD Assoc Frof and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THICK FELLOVM Asst Prof Virol 12E THICK FELLOVM Asst Prof Virol 12E THICK FELLOVM Asst Prof Virol 12E THICK FELLOVM MS Assoc Prof 15 F JUNGERMAN DVM MS Prof 16 F KLAHEY I VM Asst Frot 16 W KLOVLL DVM MC Assoc Prof 2K LECTIOLISE DVM PhL Prof 2L HILLARD PARA Astt Frot Pact 2C THARTY MAINTELL COMMON Assoc Prof Virol 2E W M HILL VM MC Prof 2G E MOTT MS Res Assoc Biochem 2H F DEMONDARY MINISTER Buct 2MAINTELL WALLANDE DVM Instr Veterinary Parasitology 10240 12b In BILLE I VM PhD Prof and Head (713-845-2851)		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFINCE MS Area Auron (PC Sherman) 3NEIL SHILHBY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Fan Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pecins (PO Stephenville)	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAIN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F CHICK FELLOVM Asst Prof Virol 12F CHICK FELLOVM Asst Prof Virol 12F CHICALGO E VM PhD Assoc Prof Bact 11 M HUCCH LOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KEAHEY I VM Abst Frot 1G W KL COLL DVM MC Assoc Prof 2K I FOULDER DVM PhD Prof 2L In LEAST Pab Asst Frot Bact 2C CARC MOTT MS Res Assoc Biochem 2H COLL MAIN DVM Prof 1E F CIMERON E VM Instr Bact 2MASCHAL E MAILLAND DVM Instr Veterinary Parasitology 10240 12s CHICALOUS DVM PhD Prof and Head (713-845-2851) 12E CARC B COMMON Asst Frot		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SHITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C SHITH PhD Agr TVA Fort 3B R SPEARS MS Agron 3C C SHITH PhD Agr Area Auron (PC Sherman) 3NETL SHITH PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Fdn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Asst Prof Joil Microbiol 3C D WELCH PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pecins (PO	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F CHICK FELLOVM Asst Prof Virol 12F CHICALGO EVM PhD Assoc Prof Bact 11 M HUCH LOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F F KLAHEY I VM Abst Frot 1G W KLOVIC DVM MC Assoc Prof 2K F KULTLER DVM PhL Prof 2L H LLAM Frab Asst Frot Bact 2. The Art Mode Note Love Bact 2. The Art Mode Note Love Bact 2. The Art Mode Res Assoc Biochem 2H F DEL MONTO EVM Prof 1E H DIMERON EVM Prof 1E H DIMERON EVM Instr Bact 2. Mand HALL MALL AND DVM Instr Veterinary Parasitology 10240 12b M BELLE I VM PhD Prof and Head (713-845-2851) 12F TEAL INCIDENT MAC About Frot 12T J GALVIN DVM PhD Assoc Prof		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFINCE MS Area Auron (PC Sherman) 3NEIL SHILHBY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Porage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Pan Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F CHICK FELLOVM Asst Prof Virol 12F CHICALGO EVM PhD Assoc Prof Bact 11 M HUCH LOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F F KLAHEY I VM Abst Frot 1G W KLOVIC DVM MC Assoc Prof 2K L KULLLER DVM PhL Brof 2L H LLAMO Fabo Asst Frot Bact 2. The Art Mode Note Love Bact 2. The Art Mode Assoc Biochem 2H Coffe Mode Love Bact 2. The Art Mode Act Frot 12 The Art Mode Assoc Prof		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFINCE MS Area Auron (PC Sherman) 3NEIL SHILHRY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Forage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Fan Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F CHICK FELLOVM Asst Prof Virol 12F CHICALGO EVM PhD Assoc Prof Bact 11 M HUCH LOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1F F KLAHEY I VM Abst Frot 1G W KLOVIC DVM MC Assoc Prof 2K F KULTLER DVM PhL Prof 2L H LLAM Frab Asst Frot Bact 2. The Art Mode Note Love Bact 2. The Art Mode Note Love Bact 2. The Art Mode Res Assoc Biochem 2H F DEL MONTO EVM Prof 1E H DIMERON EVM Prof 1E H DIMERON EVM Instr Bact 2. Mand HALL MALL AND DVM Instr Veterinary Parasitology 10240 12b M BELLE I VM PhD Prof and Head (713-845-2851) 12F TEAL INCIDENT MAC About Frot 12T J GALVIN DVM PhD Assoc Prof		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFINCE MS Area Auron (PC Sherman) 3NEIL SHILHBY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Legumes and Porage 12J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Pan Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THICK FELLOVM Asst Prof Virol 12F THICK FELLOVM Asst Prof Virol 12F THICALGO EVM PhD Assoc Prof Bact 11 M HUTTLOVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Asst Frot 1G W KLOVO DVM MC Assoc Prof 2K LECTIOLER DVM PhL Brof 2L HILLARD Fab Asst Frot Bact 2CT AST MAN MODELL COMMON Assoc Prof Virol 2E M M BELLOWM MC Prof 2G E MOTT MS Res Assoc Biochem 2H F DEL MOND LAW Instr Bact 2MARCHAL MALLACE DVM Instr Veterinary Parasitology 10240 12 DER BELLOUM PhD Prof and Head (713-845-2851) 12 DER BELLOUM MS Asst Frof 11 DE MEDIA INSTRUM MS Asst Prof		
12 H HUCKER MS Prof Hort Critics. 12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C I JMITH PhD Asst Prof Feature Bride 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C JEFFINIE MS Area Auron (PC Sherman) 3NEIL SELMHY MS County Ornam Hort (PO Dallas) 12H L STATEN PhD Assoc Prof Legumes and Forage 12 J B STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Edn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Asst Prof Soil Micropiol 3C D WELCH PhD Assoc From and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance Veterinary Medicine, College of 10190 Research (Gen) 123A A PRICE DVM MS Dear, of College and Dir for Vet Res (Physiol) (713-845-5051)	2 J E GRIMES PhD Asst Prof Serol 1 TCEL GCLL MAN I VM Instr 12 C F HALL DVM MS Prof Poultry Path 2 F THE TK FHI TVM Asst Prof Virol 12 F THE ALGOLD M PhD Assoc Prof Bact 11 M HUFF DVM MS Assec Prof 11 F F JUNGERMAN DVM MS Prof 11 F KLAHEY I VM Arst Frof 13 W KI OLL DVM MC Assoc Pref 2 K I FOTTERH DVM PhL Prof 2 L H LLAM FROD Asst Frof Ruct 2 TO ART MONTH MC Prof 2 G F MOTT MS Res Assoc Biochem 2 H F DE MAN FOR DVM Pref 1 IN H DIM FOR I VM MC Prof 1 THE BIM OF A MALLAGE DVM Instr Veterinary Parasitology 10240 12 DE BEILL I VM PhD Prof and Head (713-845-2851) 12 DE ALVIN DVM PhD Assoc Prof 12 T J GALVIN DVM PhD Assoc Prof 12 T J GALVIN DVM PhD Assoc Prof 12 T J GALVIN DVM MS Asst Frof 11 E OF ThE Instr 12 J P SMITH DVM MS Asst Prof		
12 J R RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C FFILTE MS Area Auron (PC Sherman) 3NETL SHILLEY MS County Ornam Hort (PO Dailas) 12H L STATEN PhD Assoc Prof Demol 2A R SWORDDA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3J H VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Fdn Seed 12C H M van BAVEL PhD Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVER PhD Assoc Frof and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance Veterinary Medicine, College of 10190 Research (Gen) 123A A PRICE DVM MS Dear, of College and Dir for Vet	2 J E GRIMES PhD Asst Prof Serol 1 TCEL GCLL MAINT VM Instr 12 C F HALL DVM MS Prof Poultry Path 2 F THE TK FEL DVM Asst Prof Virol 12 F THE ALGOLD VM PhD Assoc Prof Bact 11 M HUFFE DVM MS Assoc Prof 12 F JUNGERMAN DVM MS Prof 11 F KLAHEY LVM Anst Frof 13 W KLOLL DVM MC Assoc Pref 2 K L KULLIDER DVM PhD Frof 2 L HOLM Find Asst Frof Ruct 2 T LAFEN MINIBELL DVM MC Assoc Prof 2 HOLM Find Asst Frof Ruct 2 T LAFEN MINIBELL DVM MC Assoc Prof 2 HOTT MS Res Assoc Biochem 2 H F BE MINIBEL DVM Prof 1 H F BIME CONTON Instr Bact 2 MASSIC HALL AND DVM Instr Bact 2 MASSICHAL MALLANDE DVM Instr Veterinary Parasitology 10240 12 F F BIME DVM PhD Assoc Prof 12 T J GALVIN DVM PhD Assoc Prof 12 T J GALVIN DVM MS Asst Frof 11 H F ThE Instr 12 J P SMITH DVM MS Asst Prof Veterinary Pathology 10250 12 C H BRIDGES DVM PhD Prof and Head of Dept		
12 J. R. RUNKLES Ph.D. Prof. Soil Phys. 15K F. SCHERTZ Ph.D. Genet Sorghum Invest. 12C L. JM.T.H. Ph.D. Asst Prof. Fednut. Bildu. 6Y C. SMITH Ph.D. Asst Prof. Fednut. Bildu. 6Y C. SMITH Ph.D. Agr. TVA Fert. 3B R. SPEARS MS. Agron. 3C G. C. F. F. C. E. M.D. Area Auron. (P.C. Shorman.). 3Ni. ILL SELLERY MS. County Ornor Hort. (P.O. Dailas.). 12E E. STATEN Ph.L. Assoc Prof. Legumer and Florage. 12 J. B. STOREY Ph.D. Assoc Prof. Pomol. 2A R. SWOBODA Ph.D. Asst Prof. Small. Grains. Cytol. 3J. H. VALEN LINE MS. Area Soil Chem. (PO. Lubbock.). 2H. J. WALKER. Assoc Agron. Ed. Reed. 12C. H. M. van BAVEL. Ph.L. Prof. Soil. Phys. 12W. L. VITOPIL. BS. Instr. Flor. Gram. 12B. W. WEAVER Ph.D. Assoc Frot. and Soil. Chem. Soil. Test. 2E. L. WHITELEY Ph.D. Assoc Frot. and Soil. Chem. Soil. Test. 2E. L. WHITELEY Ph.D. Assoc Prof. New Crops. and Soils. Mgt. 3J. W. WORTHINGTON. Area Hort. Fruits. and Pec. Ins. (PO. Stephenville). 5F. D. WILSON Ph.D. Res. Genet. Plant. Host. Resistance. Veterinary Medicine, College of	2J E GRIMES PhD Asst Prof Serol 1 TCEL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2F THIT K FEL DVM Asst Prof Virol 12F THIT K FEL DVM Asst Prof Virol 12F THIT ALGG E VM PhD Assor Prof Bact 11 M HUFT L VM MS Assec Prof 1P F JUNGERMAN DVM MS Prof 1I F KEAHEPY VM Asst Prof 1G W KLON J DVM MC Assoc Pref 2K I KUT DIGHE DVM PhL Prof 2L H LLAND HAD Asset Frof Bact 2. THAND HAD Asset Frof Bact 2. THAND HAD ASSET FROM 2E HOTT MS Res Assoc Biochem 2E F BELLIA DVM Prof 1E HORM CON L VM Instr Bact 2MASCHAL HADDAUE DVM Instr Veterinary Parasitology 10240 12F F BELLIA DVM PhD Prof and Head (713-845-2851) 12F T J GALVIN DVM PhD Assoc Prof 12T J GALVIN DVM PhD Assoc Prof 12T J GALVIN DVM MS Asst Frof 11E OF THE Instr 12J P SMITH DVM MS Asst Prof Veterinary Pathology 10250 12C H BRIDGES DVM PhD Prof and Head of Dept (713-645-2651)		
12 JR RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L JMITH PhD Asst Prof Fednut Bidg 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C CFENCE MC Area Auron (PC Shorman) 3Nt IL SPEARY MS County Ornam Hort (PO Dailas) 12E L STATEN PhL Assoc Prof Legumer and Porage 12 JB STOREY PhD Assoc Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3JH VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKEP Assoc Agron Fan Seed 12C H M van BAVEL Phl. Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12B W WEAVEH PhD Asst Prof Soil Micropiol 3C D WELCH PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3JW WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance Veterinary Medicine, College of 10190 Research (Gen) 123A A PRICE DVM MS Dear, of College and Dir for Vet Res (Physiol) (713-845-5051) 1F D MAURER DVM PhD Assoc Dean Path	2 J E GRIMES PhD Asst Prof Serol 1 TCEL GCLL MAINT VM Instr 12 C F HALL DVM MS Prof Poultry Path 2 F THE TK FEL DVM Asst Prof Virol 12 F THE ALGOLD VM PhD Assoc Prof Bact 11 M HUFFE DVM MS Assoc Prof 12 F JUNGERMAN DVM MS Prof 11 F KLAHEY LVM Anst Frof 13 W KLOLL DVM MC Assoc Pref 2 K L KULLIDER DVM PhD Frof 2 L HOLM Find Asst Frof Ruct 2 T LAFEN MINIBELL DVM MC Assoc Prof 2 HOLM Find Asst Frof Ruct 2 T LAFEN MINIBELL DVM MC Assoc Prof 2 HOTT MS Res Assoc Biochem 2 H F BE MINIBEL DVM Prof 1 H F BIME CONTON Instr Bact 2 MASSIC HALL AND DVM Instr Bact 2 MASSICHAL MALLANDE DVM Instr Veterinary Parasitology 10240 12 F F BIME DVM PhD Assoc Prof 12 T J GALVIN DVM PhD Assoc Prof 12 T J GALVIN DVM MS Asst Frof 11 H F ThE Instr 12 J P SMITH DVM MS Asst Prof Veterinary Pathology 10250 12 C H BRIDGES DVM PhD Prof and Head of Dept		
12 JR RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L SMITH PhD Asst Prof Fednat Bilda 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C CFFICE MC Area Auron (PC Shorman) 3Ni LL SHELHBY MC County Ornam Hort (PO Dailas) 12E L STATEN PhL Assoc Prof Legumer and Plorage 12 JB STOREY PhD Assoc Prof Pomol 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 3JH VALENTINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Agron Edn Seed 12C H M van BAVEL Phi. Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12B W WEAVER PhD Asst Prof Soil Micropiol 3C D WELCH PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance Veterinary Medicine, College of 10190 Research (Gen) 123A A PRICE DVM MS Dear, of College and Dir for Vet Res (Physiol) (713-845-5051) 1F D MAURER DVM PhD Assoc Deam Path	2J E GRIMES PhD Asst Prof Serol 1 CELL GCLL MAN I VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THE K FELL DVM Asst Prof Virel 12B THE ALGO E VM PhD Assoc Prof Bact 11 M HUFT LVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY I VM Asst Prof 1E F KLAHEY I VM Asst Prof 1G W KI COLL DVM MC Assoc Pref 2K I KUTTLER DVM PhL Prof 2L H LEARL PhD Asst Prof Puct 2C H LEARL PhD Asst Prof Puct 2C H MOTT MS Res Assoc Biochem 2H F HE MAN I PVM Prof 1E F DIMEROR I VM Instr Bact 2MARCHAL MALLANE DVM Instr Veterinary Parasitology 10240 12B F HILLE I VM PhD Prof and Head (713-845-2851) 12F T GALVIN DVM PhD Assoc Prof 12T J GALVIN DVM PhD Assoc Prof 12T J GALVIN DVM PhD Assoc Prof 12T F DIMEROR I VM MS Adat Frof 11F D F Ind. Instr 12J P SMITH DVM MS Asst Prof Veterinary Pathology 10250 12C H BRIDGES DVM PhD Prof and Head of Dept (713-645-26c.) 1G I ALAMS I VM PhD Asst Prof Vet Path Tropical		
12 JR RUNKLES PhD Prof Soil Phys 15K F SCHERTZ PhD Genet Sorghum Invest 12C L JMITH PhD Asst Prof Featur Bida 6Y C SMITH PhD Agr TVA Fert 3B R SPEARS MS Agron 3C C CFFILTE MS Area Auron (PC Sherman) 3NETL SHEBBY MS County Ornam Hort (PO Dailas) 12E E STATEN PhD Assoc Prof Legumes and Florage 12J B STOREY PhD Assoc Prof Pomol 2A R SWORODA PhD Asst Prof Small Grains Cytol 3J H VALEN FINE MS Area Soil Chem (PO Lubbock) 2H J WALKER Assoc Aaron Edn Seed 12C H M van BAVEL PhD Asst Prof Soil Phys 12W L VITOPIL BS Instr Flor Ornam 12R W WEAVEH PhD Assoc Frot and Soil Chem Soil Test 2E L WHITELEY PhD Assoc Prof New Crops and Soils Mgt 3J W WORTHINGTON Area Hort Fruits and Pec ins (PO Stephenville) 5F D WILSON PhD Res Genet Plant Host Resistance Veterinary Medicine, College of 10190 Research (Gen) 123A A PRICE DVM MS Dear, of College and Dir for Vet Res (Physiol) (713-845-5051) 1F D MAURER DVM PhD Assoc Dean Path	2J E GRIMES PhD Asst Prof Serol 1 CCLI OCLI MALLI VM Instr 12C F HALL DVM MS Prof Poultry Path 2E THICK FELLOVM Asst Prof Virol 12B THICK FELLOVM Asst Prof Virol 12B THICK FELLOVM MS Assoc Prof Bact 11 MHUFF LVM MS Assoc Prof 1P F JUNGERMAN DVM MS Prof 1E F KLAHEY UVM Asst Frot 1G W KI COLL DVM MC Assoc Prof 2K F EVELOUGH DVM MC Assoc Prof 2K F EVELOUGH DVM PhL Brof 2L H LEME Field Asst Frot Pact 2C F ASST MONDELL DVM MC Assoc Prof Virol 2B A M HILL VM MC Prof 2G F MOTT MS Res Assoc Biochem 2H F FILM AND EVM Prof 1B F CIME FOR EVM Instr Bact 2MARCHAE MALLIANTE DVM Instr Veterinary Parasitology 10240 12b F HEILE UVM PhD Prof and Head (713-845-2851) 12c TEACHER OWN DVM PhD Assoc Prof 12c F D MELLOUM MS Adat Frof 11c OF Find Instr 12J P SMITH DVM MS Asst Prof Veterinary Pathology 10250 12C H BRIDGES DVM PhD Prof and Head of Dept (713-845-266.) 1G F ALAMS DVM PhD Asst Prof Vet Path Tropical Use		

10250-10295 **TEXAS**

Veterinary Pathology-Continued

12KEIPH CLARK BOT VM - Abot Prof Voldhfo Dic 12m A : EDDNOT VM Prof - Abot Prof Inducerum 18 G F ELI MAN I VM MS - Abot Frot Poth

12C A CLEUFR LVM MS MPH Prof Path

1S E HUN!" Indite Frith

18 E HOM. I MATERATION
1K M KEIRH DVM MS - Assoc Prof Path.
2AL COLLING LITERING BS - For Assoc Andr. Care
1L J MYPTR - VM - Assoc Non-End Clin Fath.
12K R - II BOT - PM Prof. - For Clin Fath.
18 K M A - VM F L - For Clin Fath.
12 M M - MODEL FOR COLLING BUT - For Middlife.

12R W.S. C.RTO I VM (41) A. C. In t. Neuropath

Veterinary Physiology and Pharmacology 10260

1J D McCRADY DVM PhD Prot and Head of Dept Physiol (713-845-7261)

11.G AMERICAN AND AND FIGURERY CO.
1M.E. HAILEY DVM FhL. Asst Froi Toxico; and Pharmacol

1P W HURNS DVM Prof Emer Tox.col

12B J CAMP Phl Prof Toxicol

1LARRY CLABORN LVM Assoc Prof Physiol

10 F "LARK DVM PhD Assoc Prot Cardio!

1E H DAVIS DVM MS Prof Pharmacol and Physiol

2J A DOLLAHITE DVM MS Froi Toxicol 1. AN HIGHTOWER DVV MS Assec Froi Nucl Med

1M H HINDS BS Indtr Brotted End

1 SECRGE HUFFNER FM - Assoc Prof Biomed Eng

11. L Manuffey DVM Assoc Prof Physicl 11 WOLIVER DVM PhD Asst Prof Reprod and Pharmacol

15H D HALELEFF DVM MS Adjunct Prof Toxicol

2L I' ROWE DVM - Instr Toxicol 1MIKE SZABUNIEWICZ DVM - Assoc Prof Pharmacol and Toxicol

1D O WIERSIG I VM PhD Assoc Froi Phaimacol and Toxicol

Veterinary Physiology and Pharmacology-Continued

Veterinary Public Health 10270

12A LELCWERS DVM MS Prof and Head of Dept (713-645-52611

IC A CARSON DVM MS | Asst Prof Microbiol

1A B CHILDERS DVM Asst Prof Food Hyu 12T J GALVIN PhD Assoc Prof Parasitol

12C A GLEISER DVM MPH Prof Path 12F C HECK PhD Prof Virol

1]- A LINERCDE DVM PhD Assoc Prof Nutr and Prev Med

11. H RUSSELL DVM PhD Prof Microbiol and Epidem

2N L SAVAGE PhD Asst Prof Bact

2% G SHELDON DVM Asst Prof Path

Water Resources Institute

12J R RUNKLES PHD Dir and Prof Soil Phys and Water Resources (713-845-1851)

10275

12R A CLARK PhD Assoc Prof Hydromet and Hydrol

12W J CLARK PhD Assoc Prof Limnol

12C J GERARD PhD Assoc Prof (PO Weslaco)

1 2E A HILER PhD Asst Prof Agr Engin
12R L IRVINE PhD Asst Prof Environ Engin
12W L MEIER PhD Prof Oper Res and Syst Anal

12C S SHIH PhD Asst Prof Indus Engin

12# L TROCK PhD Assoc Prof Resource Econ

12C H M van BAVEL PhD Prof Life Sci

2C W WENDT PhD Asst Prof Soil Phys (PO Lubbock)

20 C MILKE PhD Asct Prot Agr Econ (PO Lubbock)

10290 Miscellaneous

31. L BULLARL MS - A 1st State 4-H Club L Ir

3R E BURLESON MS Rpts and Eval Spec

3" RANK TLACK BA ALL Lincal Off 3" B GLACK In PS Area Prog Spec ("C Prairie View) 30 ft (1.17 to 1.17 to 2.17 to 2.1

3K L LEDMARK MC And Shrip 4H Mat Litr 3G L Town Littled Guid and Thirderic 3. Will AFO ME About Litrupe Trick 9

38 " FOWLER MET. Are i Persurce Feelpmt Spec.

Miscellaneous-Continued

3M E GARRETT MS Prog Spec Limited Income

3G L CHAHAM BS - Marine Adv Prod Asst 3MF14 147 HABBISCN MS - A. Li State 4-H Club Ldr

10 F HI WITT BA - Miscal and Mat Affaire Off 37 & H. LUCME BS - Marine Adv Fro. Acst

3J L JONES BS Res Devlpmt Spec

31616 r KALLUH BS - Asst State 4-Hi Club Edr 3W G KLUJJSMANN MA - Wildlife Specian : Sea Grant

, illur 136 dir. ουν Fdl. Herlifür Palegt und Uxt Stud 3F J.K. MAN. Ch.er, Fayrol. Serv.
3C.L.LANDARCE MED. County Officials Prog Spec.
3C.L.ANDELLE BURNEL Evolpmt Spec.
3BILL LobELLE Asst Fiscal Off.

3G F. M. AH I HUR MEd Asst State 4-H Club Ldr

3G R MARSHALL MS - Mat Inform Spec 31 - FARKER MS - Manne Adv Prog spec

3MABLE R PEARCE Supvir for Steno Cleric Staff

3J D PRICE PhD Ldr Agr Chem

3B B RICHARDSON MS Prog Spec

3J & ROSE Property Mat Off 3E. F. SUHLLUTT PhD Assoc State 4-H Club Ldr

3D H SEASTRUNK MS Fami and Home Devlpmt Spec

3W A SMITH BS For Spec

3H M TRIBBLE MS Prog Spec

Research Centers

10295

Beaumont (Texas A&M Univ Agr Res and Ext Center) 2J P CRAIGMILES PhD Prot and Resident Dir (713-752-2741)

5J G ATKINS PhD Plant Path Rice Dis

5C N BOLLICH PhD Agron Rice Brdg

2C C BOWLING MS Asst Prof Ins Control

5D L CALDERWOOD MS Agr Engin Rice Drying

5R R COGBURN Fes Ent Storage Ins 2N S EVATT MS Assoc Prof Soils and Fert

2W T FLINCHUM PhD Asst Prof Weed Control

5WILLIAM McGAUGHEY PhD Ent Storage Ins

2FW PEAVES BS Staff Asst Internatl Time

2J E SCOTT MS Hes Assoc Rice Brdg 2J W STANSEL PhD Asst Prof Rice Genet

5B D WEBB PhD Chem Rice Quality

2D GWESTFALL PhD Asst Prof Soil Chem

Bushland (USDA Southwestern Great Plains Res Center) 2K & HORTER PhE Prof in Charg Small Grain (806-376-5151)

5R A CLEMART PhD Dir and Res Soil Co. Chem and F'ert

5R R ALLEN BS - Asst to Dir and Res Aur Engin Tillageling

5V S ARCNOVICI MS Res Soil Sci Water Conserv

2N E DANIELS MS Assoc Prof Ent 5W C JOHNSON Phl. Res Soil Sci Moisture Conserv

50 F JUN! S BS Soil Sci Water Conserv 2H M JONES MS Res Assoc Soil Fert

50 E. LEHMAN BG - Goil Goil Water Conserv 5A C.MA THERC PhO - Res Soil Sci Chem and Fert

51 T MUSICK MS Res Agr Engin Irria

2CECIL REGIER BS Res Assoc (PO Etter)

5A DECHNETEER MS | Agr Engin Water Conserv

20 L SHIPLEY PhD Asst Prof Econ

5P W UNGERPhL Res Soil Sci Phy. or I Mat

2A F WIESE PhD Prof Weed Control Lubbock (Texas A&M Univ Agr Res and Ext Center)

2G G MSBEE | Aspec Propund Resident Dirof Res Plant Floratol (600-PC 3-945.)

2C E FISHER MS Prof in Chg Brush Control

5J D BILBRO Jr PhD Res Agron Cotton 2D G ECTTRELL PhD Asst Prof Crop Ins

5A D BRASHEARS MS Agr Engin Cotton Mech

2R L BRIGHAM PhL Assoc Frof Soybeans

2J H BROCK MS Res Assoc Brush 2J H CATE It MS Res Assoc Grop Ins

2J R GIPSON PhD Asst Prof Physiol

5E B HUDSPETH MS | Agr Engin Cotton Mech 2J W JOHNSON PhD Asst Prof Grain Sorghum

Research Centers-Continued

2D L JONES MS Agron (Emer) Cotton

5I W KIRK PhD Agr Engin Cotton Mech 2W N LIPE PhD Assoc Prof Veg and Fruit

2C H MEALORS BS Res Assoc Brush (PO Spur)

5E B MINTON PhD Path

50 H NEWTON BS Met

2A B ONKEN PhD Asst Prof Soil Fert

5C C ORR PhD Nematol 2I. I. RAY PhD Assoc Prof and Asst Dir of Res Cotton Brdg

4BRUCE ROARK Physiol Cotton
2E D RORISON MS Res Assoc Brush (PO Spur)

2D T ROSENOW MS Asst Agron Grain Sorghum

5R E STAFFORD PhD Res Genet Castor Invest

2D T SMITH PhD Asst Prof Weed Physiol

2H D SUNDERMAN MS Res Assoc Soil and Fert

2C W WENDT PhD Asst Prof Soil and Water

2H T WIEDEMANN MS Asst Prof Brush 20TTO WILKE Asst Prof Soil and Water

McGregor (Texas A&M Univ Res Center)

2H O HILL BS CE Supt Soil and Water: Structures (817-475-2878)

2M C CALHOUN PhD Asst Prof Sheep and Angora Goats Nutr

2L B FENN PhD Asst Prof Soil Chen:

2J R GALLAGHER PhD Res Assoc Wool

2J E HUSTON MS Res Assoc Sheep and Goat Nutr

2C W LIVINGSTON PhD Assoc Prof Sheep Dis (PO San Angelo)

2R F LYNCH BS Asst Agron and Cotton Field Supvr

2M J NORRIS MS Assoc Prof Grass, Forages, and Grain

2J M. SHELTON PhD Prof Anim Genet Sheep and Angora Goats

2R C THOMAS PhD Asst Prof Beef Cattle Genet

Overton (Texas A&M Univ Agr Res and Ext Center)

2BILL OTT PhD Prof and Resident Dir of Res Soil Chem (214-834-6191)

23S E CARPENTER BS Assoc Dairy Husb and Area Dairy Spec

2J A LANCASTER MS Assoc Agron Forage Crops

2J E MATOCHA PhD Asst Prof Soil Chem 2M M McCARTOR PhD Asst Prof Anim Sci

Temple (Blackland Conserv Res Center)

5EARL BURNETT PhD Dir Soil Mqt (817-773-2112)

5J E ADAMS PhD Res Soil Sci Phys

5J D BARTEK BS Soil Sci

SL D DOLAN BBA Admin Asst
2D E KISSEL PhD Asst Frof Soil Chem
5W G KNISEL Jr MS Res Hydraul Engin (PO Riesel)

5C W RICHARDSON MS Agr Engin Erosier, Control (PO Riesell

5J T RITCHIE PhD Res Soil Sci 5J R WILLIAMS MS Res Hydrail Engin (PO Riesel)

Weslaco (Texas A&M Univ Agr Res and Ext Center)

2W R COWLEY MS Prof and Resident Dirof Res (512-WO8-2145)

5W A ALLEN MS Res Phys

5R F ALBACH PhD Res Chem

2R E ARMSTRONG MS Assoc Prof Agr Engin

5J F BARTHOLIC PhD Res Soil Sci

5H E BROWN PhD Res Chem

2C C CONNOLLY PhD Assoc Prof Mkt Res 2R T CORREA MS Asst Prof Hert 5R R CRUSE MS Res Chem 2H A DEAN MS Assoc Prof Ent

5H W GAUSMAN PhD Res Plant Physiol

2C J GERARD PhD Assoc Prof Soil Phys

5F P GRIFFITHS PhD Res Food Tech in Cha 6D J HADDOCK BS Adv Agr Met (Weather Bur)

2T A HALES PhD Asst Prof Microclimatol

2J A HARDING PhD Assoc Prof Ent

5W G HART MS Res Ent

5C M HEALD PhD Res Plant Nematal

M D HEILMAN MS Res Soil Sci

2B W HIPP PhD Assoc Prot Soil Chem. 23R R HOVERSON PhD Asst Prof Area Auron

2J L HUBBARD MS Asst Prof Agran

Research Centers-Continued

2B L JONES PhD Asst Prof Path

5A M KCDAGE Admin Aide

57 W. LANGDALE PhD Res Soil Sci

5R W LEAMER PhD Res Soil Sci Soil Phys

2F & LETEPER MS Assoc Prof Hort

5B J LIME BS Res Chem

2N P MAXWELL MS Assoc Prof Hort Citrus

5R E McDONALD PhD Res Hort

5R M MENGES PhD Res Hort

5F I MEREDITH BS Chem

5L N NAMKEN MS Res Soil Sci

5ASCENSION PEYNADO BS Res Chem

5R J REKTORIK MS Agr Engin

5B A SMITH MS Res Chem

5E R STEIN MS Res Chem

5T S STEPHENS MS Res Food Technol
SC E THOMAS PhD Res Plant Path
SJ R THOMAS PhD Res Soil Sci
5C L WIEGAND PhD Res Soil Sci

5H K WUTSCHER PhD Res Hort

Field Stations

10300

Angleton (Texas A&M Univ Agr Res Sta)

2M E RIEWE MS Assoc Profin Cha Forage Utiliz (713-849-5708)

2HAGEN LIPPKE PhD Assoc Prof Animal Nutr

Beeville (Texas A&M Univ Agr Res Sta)

2E M NEAL BS Supt Beef Cattle (512-F'L8-1882)

2B E CONRAD MS Asst Agron and Anim Husb

2LUCAS REYES Res Assoc Field Crops

Center (Texas A&M Univ Poultry Dis Lab)

2R L CLIFFORD Jr DVM Assoc Poultry Path (713-LY8-4451)

Chillicothe (Texas A&M Univ Agr Res Sta)

2 J H MULKEY Jr PhD Asst Prof in Chg Soils (817-852-5466)

2K A LAHR BS Res Assoc Small Grains 5C R LEWIS Agr Res Oilseeds

Crystal City (Texas A&M Univ Rio Grande Plains Res Demon Sta)

2J D CARPENTER Farm Foreman III (512-DR4-3619)

Denton (Texas A&M Univ Agr Res Sta)

2J H GARDENHIRE MS Asst Prof in Chg Small Grains (817-382-6508)

2P A RICH MS Res Assoc Soils

23C O SPENCE MS Asst Agron (Sherman)

El Paso (Texas A&M Univ Agr Res Sta)

2P J LYERLY PhD Supt and Res Coord of Trans-Pecos Area Cotton Impr (915-859-8529)

2D E LONGENECKER PhD Assoc Prof Soils and Irrig

2T L PATE PhD Asst Prof Ent

2R M TAYLOR PhD Asst Prof Crop Physiol 5E F YOUNG Jr PhD Agron Cotton Impr

Gonzales (Texas A&M Univ Poultry Dis Lab)

2S E GLASS DVM Assoc Poultry Path (512-437-2212)

Iowa Park (Texas A&M Univ Agr Res Sta)

2VI WOODFIN BS Res Assoc (817-592-4071) Lubbock (Texas A&M Univ Tex Tech Univ Coop Res Unit) 27EUGENE COLEMAN PhD Assoc Prof Cotton Physiol

(806-742-7291) 27CLARK HARVEY PhD Prof Crop Invest

27C C JAYNES MS Assoc Prof Pasture and Forage Crops

27JAMES OSBORN PhD Asst Prof Prod Gen and Resource Econ

Lufkin (Texas A&M Univ East Tex Pasture Sta)

2E K CROUCH BS Assoc Anim Husbin Chg (713-632-1633)

Montaque (Texas A&M Univ Fruit Res-Demon Sta)

2U A HANDOLPH MS Assoc Hort in Chg Decid Fruits (817-894-3896)

2B D REEDER MS Res Assoc Decid Fruits

Munday (Texas A&M Univ Vea Res Sta)

2M C FUQUA PhD Asst Prof in Chg (806-P03-9451)

2J J HEENER PhD Asst Prof in Cha Plant Path (915-

Pecos (Texas A&M Univ Agr Res Sta)

445--13)

2JARCY MOCRE PhD Res Assoc Plant Phys

Field Stations-Continued

Prairie View (Texas A&M Univ-Prairie View Expt Sta)

26J I KIRKWOOD PhD Prof and Off in Chg Soil Microbiol (713-857-3311)

26A S MANGAROO PhD Prof Soil Chem

260 E SMITH MS Assoc Prof Small Grains

5LINDSEY WEATHERSPOON MS Assoc Prof Swine

26J C WILLIAMS MS Prof Beef Cattle

26J J WOODSMS Assoc Prof Poultry Mgt

Sonora (Texas A&M Univ Agr Res Sta)

2L B MERRILL PhD Assoc Prof in Chg Range Sci (512-387-3168)

2J W MENZIES MS Res Assoc Anim Sci

2P O REARDON MS Res Assoc Range Sci 2J R STEWART MS Res Assoc Range and Anim Sci Spur (Texas A&M Univ Agr Res Sta)

2P T MARION MS Supt Beef Cattle (915-272-4451) •
2G W MATHIS MS Res Assoc Range Mgt

2F O THETFORD MS Res Assoc Range Sci

Stephenville (Texas A&M Univ-Tarleton Expt Sta)

2J S NEWMAN MS Assoc Prof in Chg (817-965-3314) 2T E DENMAN BS Assoc Hort Decid Fruits 2C E SIMPSON PhD Asst Prof Peanut Brdg

26J L TACKETT PhD Prof Soil Phys

Weslaco (Texas A&M Univ-Texas A&I Univ Coop Res Unit)

6RA HENSZ PhD Dir and Prof Hort (512-WO8-2133)

26J E FUCIK PhD Asst Prof Hort

6R F LEYDEN PhD Assoc Prof Soils

26R B REINKING MS Asst Prof Ent

6L W TIMMER PhD Asst Prof Plant Path

Yoakum (Texas A&M Univ Plant Dis Res Sta)

2A L HARRISON PhD Plant Path (512-293-3461)
2T E BOSWELL PhD Asst Prof Plant Path and Nematol

USDA Cooperating Stations

10310

Big Spring USDA Big Spring Field Sta

5D W FRYREAR Res Agr Engin and Supt (915-263-2041)

5R G HADLEY Agr Res Tech

≰P T KOSHI PhD Res Soil Sci

Brownsville (Ent Res Center)

5M J LUKEFAHR PhD Invest Ldr Ent Plant Resist (512-LI2-2516)

5H T DULMAGE PhD Microbiol

5H M GRAHAM PhD Ent

5A A GUERRA PhD Ent

5D E HENDRICKS MS Ent

5R L McGARR BS Ent

5J R RAULSTON MS Ent 5C A RICHMOND BS Ent

5T N SHAVER PhD Biochem

5D A WOLFENBARGER PhD Ent

Brownsville (Plant Pest Control Div USDA-ARS)

5C L MANGUM MS Ent (512-LI2-2516)

Brownsville (Pesticides Regulation Div, USDA-ARS) 5D W WOODHAM BS Chem in Chg (512-542-2516)

Brownwood (Pecan Field Sta)

5G D MADDEN MS Res Hort (915-646-9402) College Station USDA Cotton Lab

5F S EDDINS BS Supvr Cotton Tech Off in Chg (713-846-8821)

5W J DORSEY BS Cotton Tech 5F W SCHULTZ BS Cotton Tech

Kenville - Toxicol Res Lab

5JS PALMERDVM Res Vet in Chg Toxicol (512-CL7-3566)

5L M HUNT BS Chem 5J C SCHLINKE DVM. Res Vet Toxicol

5F C WRIGHT MA Res Chem

Kerrville - Ent Bes Div

5R O DRUMMOND PhD Ent and Invest Ldr (512-CL7-3566)

ARR BLUME MS Ent

SW F CHAMBERLAIN PhD Ent Ins Physiol

5H V CLABORN BS Chem in Chg Anal Invest

5D I DARROW MS Ent

SJ L ESCHLE PhD Ent

5R E GINGRICH PhD Ent Ins Path 5W J GLADNEY PhD Ent 5O H GRAHAM PhD Ent

USDA Cooperating Stations—Continued

5R L HARRIS PhD Ent

5M C IVEY BS Chem

5S E KUNZ PhD Ent

5D H MANN BS Chem

5D D OEHLER BS Chem

5C D SCHMIDT MS Ent

Mission-Mission Sublab for Screwworm Res

5W S BIGLEY MS Ent (512-JU5-2783)

5M M CRYSTAL PhD Fint

SJOYCE A DeVANEY MS Ent

5G W EDDY MS Ent

5B G HIGH TOWER PhD Ent

Riesel-Blacklands Expt Watershed

25R W BAIRD MS Supt and Hydraul Engin (817-896-2161)

5W G KNISEL Jr MS Hydraul Engin

5C W RICHARDSON MS Agr Engin

5J R WILLIAMS MS Hydraul Engin

Wa∞-Cotton Ins Res Br

5C B COWAN Jr BS Invest Ldr Cotton Ins Res (817-PL6-6511)

5J W DAVIS BBA Agr Res Tech Plant Pests

Plant Protection Div (USDA-ARS)

5W H HARE Plant Protec Div Supvr in Chg (PO San Antonio) (Tel AC 512-225-5511)

5J G ROSIER Asst Plant Protect Div Supvr (PO San Antonio)

5J F ELLARD Dist Supvr (PO Houston)

5J C HATCHETT Actg Dist Supvr (PO Harlingen)
5W F HELMS Dist Supvr (PO Lubbock)

5J M LANDRUM Dist Supvr (PO Waco)

Prairie View Agricultural and Mechanical College, Prairie View Texas 77445 (Main tel 713-857-3311)

2Station Staff 3Extension Staff College Staff 5Coop USDA

10315

10320

A I THOMAS PhD Pres

Agriculture

125J C WILLIAMS MS Assoc Dean Sch of Agr (713-857-3311 Ext 225)

1L W ENGRAM MS Dairy Sci (713-857-3311 Ext 292)

1E J JOHNSON MS Agr Engin (713-857-3311 Ext 293) 12J I KIRKWOOD PhD Soil Sci (713-857-3311 Ext 225)

12A S MANGAROO PhD Soil Sci (713-857-3311 Ext 295) 1A N POINDEXTER DVM Vet Sci (713-857-3311 Ext 2981

1J R POWELL MS Res Tchr Trnr (713-857-3311 Ext 291)

120 E SMITH MS Agron (713-857-3311 Ext 294)

15LINDSEY WEATHERSPOON MS Anim Sci (713-857-3311 Ext 287)

12J J WOODS MS Poul Sci (713-857-3311 Ext 332)

Experiment Station

12J I KIRKWOOD PhD Prof and Off in Chg 12A S MANGAROO PhD Prof Soil Sci

120 E SMITH MS Assoc Prof Agron 12LINDSEY WEATHERSPOON MS Asst Prof Anim Sci

12J C WILLIAMS MS Prof Anim Sci

12J J WOODS MS Assoc Prof Poul Sci

Extension Service 3W B CLARK BS Area Prog Spec 10325

10322

10330 Home Economics 1FLOSSIE M BYRD PhD Dean of Sch of Home Econ

Miscellaneous 10 J BAKER MLS Libr 10340

The School of Forestry of Stephen F Austin State University, Nacogdoches 75961 (713-569-2011)

1College Staff

9A-TR, M-S Program

TEXAS-UTAH 10350-10420

1R W STEEN PhD Pres of Univ (713-569-2201)

19L C WALKER PLD Dean Sch For Prof Silv (713-569-33(4)

TRID BAKER For Prof Ein Mgt

114 V BILAN 134 Feet Cilvie

1L F BURKAR I PLD Accor Prof Wood Technol 1E F HASTIMOS PLD Asst Prof For Recr

1R R HICKS In PhD Asst Prof For Genet 1E V HUNT INM' Asst Prof Mens

1KRISHNASWAMY KADAMBI PhD Res Technol

1JD LENHAR! FnD Asst Prof

1Mrs MARY 'LINGHICUM For Libr

1W T McGRATH PLD Asst Prof For Path

1H C REF.VES Finit Assoc Prof Fire Technol 1J R SINGER Sct. Asst Prof Watershed Mgt

1S I SOMBERG PhD Prof Econ Dir For Res (713-569-3301)

1D V SMITH PhD Assoc Prof For Engin

1GK STEPHENSON MS Ed For Pubs

1K G WATTERSTON Ass∞ Prof For Soils

1H V WIANT Jr - Assoc Prot Dendrol Adv Acad Affrs (713-569-3301)

1B H WILFORD - Vicit Prof For Ent

UTAH

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Services of the Utah State University of Agriculture and Applied Science, Logan 84321 (Main tel Sul - 52-4100)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop! SDA 6Other Govt Agency 7Misc Agency 8Misc 9A-TR, M-S Program

10360

1G L TAGGART PLD Pres (801-752-4100 Ext 7211)

1R G HANSEN FILE - Provest (801-752-4100 Ext 7211)

123D A BROADBENT MS Vice Pres for Bus Affairs (801-752-410C Ext 7211)

12D W THORNE, PM - Vice Pres for Res (801-752-4100 Lxt 7571)

3.J.C. BALLARD PhD. Vice Fres for Ext and Cont Educ (801-752-4100 F'xt 7511)

3L A DRURY EdD Assoc Dur of Fixt Serv (801-752-4100 Ext 7391)

3L R HUNSAKER PhD Assec Dir of Ext Serv (801-752-4100Ext 7511)

29K W HILL, PhD | Lar of Expt Sta (801-752-4100 Ext 7314)

20 E CLARK Fr. Asst Dir of Expt Sta (801-752-4100 Ext 7314)

11 R SMITH inD Dean Col of Agr (801-752-4100 Ext 7121)

1RP COLLIER PLD Dean Cot of Bus (801-752-4100 Ext 7134)

1b F PETERSON Jr DCE Dean Col of Engin (801-752-4100 Ext 7801)

1PHYLLIS SNOW FED: Dean Col of Fam Life (801-752-4100 Fixt 7601)

1M J HARMON PhD Dean Col of Humanities Arts and Sec Sci (801-752-4100 Fixt 7375)

1TW BOX Pal: Down Col of Nat Resources (801-752-4100 Ext 7677)

1R M JOHNSON PhD Dean Col of Sci (801-752-4100

Animal Science

12J A BENNETT PhD Prof Beef Cattle and Sheep Genet and Heari of Tiept (801-752-4100 Ext 7422)

3CLAIR ACOH) Phr) Dist Pxt Livestock Spec (PO Provo)

12J O ANDERSON PhD Prof Nutr

12S JATKINSON BS Res Assoc

12J E BUTCHER PhD Prof Beef Cattle and Sheep Nutr

2C F CLARK Phl - Prof Fryon 4 and Asst Dir Expt Sta

Animal Science-Continued

2D CDOBSON PhD Assec Prof Nutr (Snow College, Ephraim)

3C I DRAPER PhD Prof Nutr and Ext Poultryman

3G M ESPLIN MS Dist Ext Livestock Spec (Beaver)

12W C FCOTE PhD Prof Anim Reprod

12T A GILLETT PhD Asst Prof Meats
12L E HARRIS PhD Prof Nutr

3G R HENDERSON MS | Emer Ext Anim Husb

3RR KEETCH MS Assoc Prof Emer Ext Sheep and Wool Spec

12M A MADSEN PhD Assoc Prof Beef Cattle and Sheep Genet

12DH MATTHEWS MS Assoc Prof Sheep Genet and Prod (PO SUSC Cedar City)

1D J MATTHEWS PhD Prof Asst Dean Col of Agr

12HYRUM STEFFEN MS Assoc Prof Swine Nutr
3N J STENQUIST PhD Assoc Prof Dist Ext Livestock

Spec

12J C STREET PhD Prof Anim Nutr and Biochem

3D A THOMAS DVM Frof ExtVet Spen

2R E WARNICK PhD Res Asst

Applied Statistics and Computer Science (Science)

12R L HURST PhD Prof and Head of Dept (801-752-4100 Ext 7381)

12R V CANFIELD PhD Asst Prof

1E G EASTMAN PhD Asst Prof

1K A FUGAL MS Lect

1B C JENSEN PhD Ass∞ Prof 1E C KARTCHNER DBA Assoc Prof

1W L POPEMS Assoc Prof

12D V SISSON PhD Assoc Prof and Acta Asst Dean Col of Sci

1DAVID WHITE PhD Assoc Prof

Bacteriology and Public Health (Science)

12R S SPENDLOVE PhD Prof Virol and Head of Dept (801-752-4100 Ext 7911)

12P B CARTER PhD Assoc Prof Path Bact

1L N EGBERT PhD Asst Prof Molec Biol and Virol

1L W JONES PhD Prof Bact 1F J POST PhD Assoc Prof Food and Water Bact

1 J J SKUJINS PhD Assoc Prof Soil Microbiol 1W W SMITH PhD Prof Bact and Public Health

1K R STEVENS PhD Prof Emer Bast and Pub Health

12C A WESTBY PhD Asst Prof Bact Physiol

Botany (Science)

10410

10400

120 S CANNON PhD Prof Dis Resistance and Head of Dept (801-752-4100 Ext 7292)

1G M BAKER PhD Asst Prof Mycol and Physiol

1W S BOYLE PhD Prof Cytogenet
5R W BROWN MS Ass∞ Plant Physicl
2J L CHIDESTER Res Asst Virol

2G W COCHRAN PhD Prof Virol

25E H CRONIN PhD Assoc Prof Res Plant Physiol 25G D GRIFFIN PhD Assoc Prof Res Nematol 12A H HOLMGREN MS Prof Bot and Curator of Inter-

mountain Herbarium

1R I LYNN PhD Asst Prof Algo

25W T McDONOUGH PhD Assoc Prof Plant Physiol

25D L MUMFORD PhD Assoc Prof Res Plant Path

5D L NELSON MS Assoc Plant Path 12 I G PALMBLAD PhD Ass∞c Prof Plant Ecol

12B L RICHARDS PhD Prof Emer Bot

5GA SCHIER PhD Assoc Plant Physiol

1R J SHAW PhD Prof Taxon and Morphol

25B N WADLEY PhD Prof Res Plant Path 12G W WELKIE PhD Assoc Prof Virol

12H H WIEBE PhD Prof Plant Physiol

25M C WILLIAMS PhD Assoc Prof Res Plant Physiol

Chemistry (Science)

10420

1G L LEE PhD Prof Chem and Head of Dept (801-752-4100 Ext 7178)

IT D ALGER PhD Asst Prof Phys Chem

1R C ANDERSON PhD Assoc Prof Organic Chem

10420-10500 UTAH

Chemistry (Science)-Continued

1B F BURNHAM PhD Assoc Prof and Head Biochem Div

1M C CANNON PhD Prof Anal Chem

1T F EMERY PhD Prof Biochem
12T M FARLEY PhD Asst Prof Biochem

12D A GREENWOOD PhD Prof Emer Biochem and Toxicol

125R F KEELER PhD Assoc Prof Biochem

!W M MOORE PhD Prof Phys Chem

1J W MORSE PhD Asst Prof Chem

1Mrs KAREN W MORSE PhD Asst Prof Chem

2H M NIELSEN MS Asst Prof Emer Biochem
1R K OLSEN PhD Assoc Prof Organic Chem

1J W SINCLAIR PhD Asst Prof Phys Chem

1GG SMITH PhD Prof Organic Chem

12J T SPENCE PhD Prof Inorganic Chem

1H O VAN ORDEN PhD Prof Organic Chem

10430

12G E STODDARD PhD Prof Nutr and Head of Dept (801-752-4100 Ext 7144)

25M J ANDERSON PhD Assoc Prof Dairy Nutr

12C W ARAVE PhD Asst Prof Dairy Brdg
3J J BARNARD MS Assoc Prof Ext Dairyman

2H M GEDDES BS Res Asst Dairy Husb

25R C LAMB PhD Assoc Prof Dairy Brdg

12C H MICKELSEN MS Asst Prof Dairy Husb and Supt Dairy Expt Farm

Economics (Agriculture and Business) (801-752-4100 10440 Ext 7307)

1R RDURTSCHI PhD Prof Econ Theory and Actg Head of Dept

123 J C ANDERSEN PhD Assoc Prof Ext Econ Devlpmt

12R H ANDERSON PhD Prof Agr Mktg
1L J ARRINGTON PhD Prof Econ History

10 W ASPLUND BA Asst Prof Public Fin and Taxation
12G T BLANCH PhD Prof Emer

124R A CHRISTENSEN PhD Assoc Prof Agr Mktg

3L A CLEMENT MPA Assoc Prof Ext Farm Mgt Spec

1R P COLLIER PhD Prof Bus Fluctuations and Dean Co! of Bus

12L H DAVIS PhD Prof Agr Prod Econ

12H H FULLERTON PhD Asst Prof Econ Devlpmt

12B D GARDNER PhD Prof Resource Econ 34P R GRIMSHAW MS Assoc Prof Ext Agr Mktg Spec

1G B HANSEN MS Asst Prof Manpower Econ

IV L ISRAELSEN PhD Prof Emer

1B C JENSEN PhD Assoc Prof Econometrics 12A DLeBARON PhD Prof Resource Econ

IKSLYON AM Asst Prof Monetary Theory

34L C MICHAELSEN PhD Prof Ext Resource Econ Spec

1E B MURRAY MS Prof Emer Labor Econ

12D BNIELSEN PhD Assoc Prof Resource Econ

124MARCELO PEINADO PhD Asst Prof Econ Devlpmt

2S H RICHARDS BS Res Asst

124N K ROBERTS PhD Prof Res Econ

14R A SEDJO PhD Asst Prof Internat! Trade

15C E STEWART PhD Prof and Ldr Western Basin Prog ERS

3M H TAYLOR PhD Prof Ext Agr Mktg Spec

12E B WENNERGREN PhD Prof Resource Econ

1A C WISEMAN PhD Asst Prof Money and Banking

Editorial 10450

IL C FRISCHKNECHT MA Dir Univ Relat and Spec Ed Serv (801-752-4100 Ext 7216)

1J RALLRED MS Asst Dir Univ Relat 12LOIS M COX BS Tech Writer

3A L HIGBEE PhD Asst Prof and Assoc Dir Learning Resource Ctr

23C M KOTTERMA Assoc Prof Ext and Expt Sta Inform Spec

1EVELYN LAWRENCE BA Asst Univ Ed

3C P NIELSEN BS Ext Pub Ed

3L J SMITH BS Ext Graphics Artist

1J J STEWART MS Univ Ed

2M E WILDE BS Expt Sta Pub Ed

Agricultural and Irrigation Engineering (Engineering) 10462

12A A BISHOP PhD Prof and Head of Dept (801-752-4100 Ext 7908)

1B H ANDERSON PhD Prof Water Use Spec

1J M BAGLEY PhD Prof Systems and Hydrology and Dir Utah Water Res Lab

5J A BONDURANT MS Res Agr Engin (PO Kimberly Idaho)

1J E CHRISTIANSEN MS Prof Emer Soil and Water

IC G CLYDE PhD Prof Water Resources

3S H DAINES MS Assoc Prof Ext Agr Engin Spec

25A R DEDRICK MS Agr Engin Conserv

IIS DUNN PhD Prof Soil Mech and Assoc Dean Col of Engin

1 JE FLETCHER MS Prof Hydrol

3R E GRIFFIN MS Ext Water Use Spec

1F W HAWS MS Res Engin Soil and Water

5AS HUMPHREYS MS Res Agr Engin (PO Kimberly Idaho)

14C E ISRAELSEN PhD Assoc Prof Water Resources

1D R JEFFS MS Res Engin

5M E JENSEN PhD Res Agr Engin (PO Kimberly Idaho)

1R W JEPPSON PhD Assoc Prof Fluid Mech 1JACK KELLER PhD Assoc Prof Irrig

1F W KIEFER PhD Assoc Prof Soil Mech

12L G KING PhD Assoc Prof Crain an: Eng

25C W LAURITZEN PhD Soil Sci

1C H MILLIGAN MS Prof Soil and Water
1E COLSEN III PhD Assoc Prof Soil and Water

1B C PALMERMS Assoc Prof Engin

IW I PALMER BS Lect Water Resources

1D F PETERSON Jr DCE Prof Water Resources and Irrig and Dean Col of Engin

1H B PETERSON PhD Prof Soil and Water

12J P RILEY PhD Ass∞ Prof Water Resources Syst and Hydrol

3W B RINGER PhD Assoc Prof Ext Agr Engin and Dir of ExtShort Courses Conf and Inst

14G E STRINGHAM MS Assoc Prof Hydraul

12KOMAIN UNHANAND PhD Asst Prof Irrig Engin

1W SWILLIS MS Asst Prof Soil and Water

5R V WORSTELL MS Res Agr Engin (PO Kimberly Idaho)

Extension Administration

10470

3G T BAIRD MS Assoc Prof Supvr 4-H and Youth Prog 3MARDEN BROADBENT PhD Prof Dist Ext Dir (PO Provo)

3W F FARNSWORTH PhD Assoc Prof Dist Ext Dir 3AMY R KEARSLEY MS Assoc Prof and Assoc Supvr 4-H and Youth Frog

3Mrs MARGARET B MERKLEY PhD Prof and Supvr Fam

Family Life 10480

1PHYLLIS SNOW PhD Prof Food and Nutr and Mgt and Dean of Col

1Mrs DOROTHY T DYERMA Dean of Col Emer

Clothing and Textiles (Family Life) (801-752-4100 Ext 7296)

10490

1Mrs JEAN MALDER MS Instr 1Mrs RUTH V CLAYTON MS Instr 1RUSSELL FJELDSTED MS Instr 1RUTH E HAWTHORNE PhD Assoc Prof 3THETA JOHNSON MS Assoc Prof Ext Clothing Spec 1Mrs VIRGINIA S LEWIS MS Asst Prof 1Mrs BARBARA WHITE MS Instr

Family and Child Development (Family Life) 10500

1D C CARTEREDD Prof and Head of Dept (801-752-4100 Ext 7611)

1CLAUDIA FUHRIMAN MS Instr

1Mrs CARROLL C LAMBERT EdD Assoc Prof and Supvr Child Devlpmt Lab

1Mrs DOROTHY B LEWIS MS Assoc Prof Child Devlpmt 1Mrs JANE MECHAM MS Instr

1B R MORGAN MS Instr

10500-10570 UTAH

Family and Child Development (Family Life)-Continued

1J D SCHVANEVELDT PhD Asst Prof IC J SKIDMORE EdD Prof Fam Living

1LOA THOMSON MS Instr

1Mrs ALISON C THORNE PhD Lect Fam Living

Foodand Nutrition (Family Life)

10510

12ETHELWYN B WILCOX PhD Prof and Head of Dept (801-752-4100 Ext 7682)

3Mrs FLORA H BARDWELL MS Asst Prof Ext Food and Nutr Spec

ICHARLOTTE P BRENNAND MS Instr

12D G HENDRICKS PhD Asst Prof 12A W MAHONEY PhD Assoc Prof

13Mrs MARGARET B MERKLEY PhD Prof Ext Supvr Fam Life Prog

1PRISCILLA ROWLAND MS Asst Prof Emer

1 Mrs FRANCES TAYLOR MS Instrand Asst to Dean of Col of Fam Life

1 Mrs BONITA WYSE MS Instr

Home Economics Education (Family Life) (801-752-4100 Ext 7603)

10520

13Mrs MARIE KRUEGER MS Asst Prof and Ext Consum Inform Spec

Household Economics and Management (Family Life) 10522

1EDITH NYMAN MS Assoc Prof and Head of Dept (801-752-4100 Ext 7263)

Mrs Larae CHATELAIN MS Instr

3Mrs RHEAGARDNER MS Ass∞ Prof Emer Ext Home Mgt and Furn Spec

1JANE LOTT MS Instr

3HELEN THACKERAY MS Assoc Prof Ext Consum Inform Spec

Food Science and Industries 10524

12C A ERNSTROM PhD Prof Food Chem and Dairy Prod and Head of Dept (801-752-4100 Ext 7691)

1CHARLOTTE P BRENNAND MS Instr

23C I DRAPER PhD Prof Poultry Prod 12T A GILLETT PhD Asst Prof Mear Prod

1P B LARSEN MS Assoc Prof Dairy Prod 23D RMORGAN PhD Prof Dairy Prod

3A J MORRIS MS Prof Emer

12G H RICHARDSON PhD Prof Food Microbiol

12D K SALUNKHE PhD Prof Fruits and Veg

Forest Science (Natural Resources)

10530

12L S DAVIS PhD Assoc Prof and Head of Dept (801-752-4100 Ext 7845)

12T W DANIEL PhD Prof Silvic

5N V DeBYLE PhD Ass∞c Prof For Ecol

5R D DOTY MS Assoc Res For 12A A DYER MS Lect

13 J W FLOYD MSF Prof Emer 12G E HART PhD Assoc Prof

5EZRA HOOKANO BS For Res Tech

123J D HUNT MF Assoc Prof and Coord Title I Tourism and Outdoor Recreation Devlpmt

13C M JOHNSON MS Asst Prof and Ext For Outdoor Recreation Spec

5R S JOHNSTON BS Assoc For Hydrol

5R G KREBILL PhD Ass∞ Prof Plant Path 12R M LANNER PhD Asst Prof

1R R MOORE PhD Prof

12R A OGLE PhD Asst Prof

5B Z RICHARDSON BS Res For

13L E ROYER MS Asst Prof and Asst Coord Title I Tourism and Outdoor Recreation Devlpmt

12J D SCHULTZ PhD Assoc Prof

Plant Science (801-752-4100 Ext 7232)

10540

12F B SALISBURY PhD Prof Plant Physiol and Head of Dept (801-752-4100 Ext 7234)

2DEMETRIOS AGATHANGELIDES BS Res Asst

12R S ALBRECHTSEN PhD Prof Agron 124K R ALLRED PhD Prof Forage Crops

12J L ANDERSON PhD Assoc Prof Pomol

25C W AUSTIN Agr Res Tech

3A B CALL Jr MS Assoc Prof Emeritus Ext Hort Spec

Plant Science (801-752-4100 Ext 7232)-Continued

12W F CAMPBELL PhD Assoc Prof Agron

2G T CLARK BS Res Asst (PO Farmington)
2ALICE DENNEY PhD Res Assoc

25D R DEWEY PhD Prof and Res Genet

12W G DEWEY PhD Prof Cereal Crops and Plant Brdg

25D L DONEY PhD Plant Genet

2R P DRAPER BS Res Assoc (PO Farmington)

12J O EVANS PhD Asst Prof Agron Weeds

2R K GERBER MS Res Assoc Pomol (Howell Field Station PO North Ogden)

124A RHAMSON PhD Prof Veg Crops

25W THANSEN Jr BS Agr Res Tech

25R N HURST BS Agr Res Tech
3L A JENSEN MS Assoc Prof Ext Agron Spec

25WESLEY KELLER PhD Prof and Res Agron

25A AKITCHEN Agr Res Tech

12D R McALLISTER PhD Prof Forage Crops

2R GMURDOCK BS Res Assoc (PO Delta)

25E HOTTLEY Agr Res Tech

25M W PEDERSEN PhD Res Agron

12L H POLLARD PhD Prof Vea Crops

25G K RYSER BS Res Agron

25R DSANDBERG BS Agr Res Tech

3A L STARK PhD Prof Emer Ornam Hort Spec 2G L STOKER MS Assoc Prof Crop Certif

25J CTHEURER PhD Prof and Res Genet

124J A THOMAS PhD Asst Prof Forage Crops and Plant Brda

12D C TINGEY MA Prof Emeritus Crops Weeds

2G A VAN EPPS MS Assoc Prof Agron (PO Snow College Ephraim)

25WAYNE WAITE Agr Res Tech

12D R WALKER PhD Prof Pomol

25R E WYSE PhD Plant Physiol

10560

Range Science (Natural Resources) 12C M McKELL PhD Prof Range Ecol and Head of Dept 801-752-4100 Ext 7621)

25A TBLEAK BS Senior Range Sci 2J E BOWNS MS Asst Prof Range Ecol (PO SUSC Cedar City)

12M M CALDWELL PhD Asst Prof Range Ecol

12G B COLTHARP PhD Asst Prof Watershed Mgt

5P W CONRAD MS Assoc Runge Sci 5E E FARMER MS Assoc For Hydrol

12G F GIFFORD PhD Asst Prof Range Watershed
1D W GOODALL PhD Frof Syst Ecol
25A CHULL Jr PhD Prof Prin Range Sei

5W A LAYCOCK PhD Prof Prin Plant Fool

12J C MALECHEK PhD Asst Prof

5M F McNULTY MS For Res Tech

5P E PACKER MS Prof Prin For Hydrol 3K G PARKER MS Prof Ext Range Mgt Spec

1A DISMITH PhD | Prof Gaille Livertock Range Relat

5G A VOELLER For Res Tech

124N E WEST PhD Assoc Prof Bange Ecol

12 P WORKMAN PhD Asst Prof Bange Econ

Sociology, Social Work, and Anthropology (Humanities Arts and Social Sciences) 12T R BLACK PhD Prof Rural-Urban and Pop and Head

of Dept (801-752-4100 Ext 7662)

1S L ALBRECHT PhD Asst Prof Soc Psychol 1W H ANDREWS PhD Prof Soc Organ and Natural Resources

34S L BROWER PhD Prof Community Organ

12H B BYLUND PhD Prof Motivation Res

1R H CRAPO PhD Asst Prof Anthropol

1W A DeHART PhD Prof Indus Social and Small Groups
1R A FARRELL MS Instr Soc Deviance

12Mrs CARMEN FREDRICKSON MS Assoc Prof Emer

12J A GEDDES PhD Prof Emer Inst

IG N KELLER PhD Prof Anthropol

1YUN KIM PhD Assoc Prof Demog

1Mrs EVELYN H LEWISMA Assoc Prof Soc Work

13W T MAUGHAN PhD Prof Community Organ 1N D MESEHVY MSW Asst Prof Soc Work

IT J MORRIONE MS Instr Gen Social

1R WROSKELLEY PhD Prof Community Organ and Rural Social

10575

Soils and Meteorology
12R L SMITH PhD Prof Soil Fert and Head of Dept (801-752-4100 Ext 7185)

12G L ASHCROFT PhD Assoc Prof Climatol

5D L CARTER PhD Prof Res Soil Sci (PO Kimberly Idaho)

5J W CAHY PhD Prof Res Soil Phys (PO Kimberly (dano)

1C F CHAPPELL PhD Assoc Prof Met

3P D CHRISTENSEN PhD Prof Ext Soil Conserv

1 Miss INGF DIRMHIRN PhD Prof Met

24B L GROVER PnD Assoc Prof Watershed Res

12R J HANKS PhD Prof Soil Phys

6D C HIRSCHI Field Aid ESSA 3JE HUNSAKEH PhD Ext Soil Spec

1D W JAMES PhD Assoc Prof Soil Fert

12J J JURINAK PhD Prof Soil Chem
2R E LAMBORN MS Res Assoc

5G E LEGGETT PhD Prof Res Soil Sci (PO Kimberly Idaho)

5H F MAYLAND PnD Assoc Prof Res Soil Sci (PO Kimperly Idaho)

124R W MILLIER PhD Prof Soil Chem
2R F NIELSON MS Assoc Prof Soil Plant Relat

IG W REYNOLDS PhD Met

6E A RICHARDSON MS State Climatol ESSA

1 J J SKUJINS PhD Assoc Prof Soil Microbiol
5 J H SMITH PhD Prof Res Soil Sci (PO Kimberly Idaho)

12A R SOUTHARD PhD Assoc Prof Soil Genesis
2LeMCYNE WILSON MS Assoc Prof Emer Soil Classif

120 L WOOD PnD Assoc Prof Soil Biophys

12G W WOCLDRIDGE PhD Assoc Prof Met

5J L WHIGHT PhD Ass∞ Prof Res Climatol (PO Kimperly Idaho)

10590 Veterinary Science

12M L MINER DVM Prof and Head of Dept (801-752-4100 Ext 7584)

25LuDEL! BALLS BS Animal Husb

25WAYNE BINNS DVM MS Prot Res Vet

12J T BLAKE DVM PhD Prof Physiopath

12J W CALL DVM MS Assoc Prof Clin 5R T CARVER DVM Vet

5DALE CHRISTIANSEN DVM Vet

25L F JAMES PhD Assoc Prof Anim Nutr

25A F JOHNSON MS Assoc Prof Anim Physiol 25R F KEELER PhD Assoc Prof Biochem

2A HOLSON MS Res Assoc

1R P SHARMA BVS PhD Asst Prof Pharmacol and Toxicol

12J L SHUPE DVM Prof Path
2R A SMART DVM Assoc Prof Microbiol
3D W THOMAS DVM Prof Ext Vet
2J A THOMAS DVM Asst Prof (PO Provo)
2W R THORNLEY MS Res Assoc

Wildlife Resources (Natural Resources)

IW F SIGLER PhD Prof Water Pollution Biol and Head of Dept (801-752-4100 Ext 7931)

1D F BALPH PhD Assoc Prof Anim Behavior

16W H BOHL MS Asst Prof Exotic Game Birds

1KENT BRIDGES PhD Asst Prof Syst Anal

17R W GOEDEMS Asst Prof Fish Path

1W T HELM PhD Assoc Prof Ecol of Fishes

TANNE HOLMAN PhD Asst Prof Inverteb Physiol

1GH KELKERSCD Prof Wildlife Resources 16R H KRAMER PhD Assoc Prof Fish Physiol

16J B LOW PhD Prof Big Game and Waterfowl Ecol and Gen Wildlife

1DIFTLAND MULLER-SCHWARZF PhD Assoc Prof Anim Behavior

1J M NEUHOLD PhD Prof Ecol

16J J SPILLETT ScD Asst Prof Anim Ecol

16C B STALNAKER PhD Asst Prof Fish Genet

1A W STOKES PhD Prof Anim Behavior

1F H WAGNER PhD Prof Anim Ecol and Pop and Assoc Dean Col of Nat Resources

IMICHAEL WOLFE PhD Asst Prof Big Game Ecol 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec

Zoology (Science)

10410

12D M HAMMOND PhD Prof Zool and Head of Dept (801-752-4100 Ext 7865)

1T L BAHLER PhD Prof Physiol and Zool

25G E BOHART PhD Prof and Ent

1J T BOWMAN PhD Assoc Prof Genet

12W A BRINDLEY PhD Assoc Prof Ent

6K A CAPPELLE MS Ent

12D W DAVIS PhD Prof Ent 1K L DIXON PhD Prof Zool

2H E DORST MS Prof Emeritus Ent

1L C ELLIS PhD Assoc Prof Physiol

1E J GARDNER PhD Prof Genet and Dean Grad Sch 1J A GESSAMAN PhD Asst Prof Physiol and Ecol

1M H GUNNELL MS Assoc Prof Zool

1W J HANSON PhD Assoc Prof Syst Ent

14B A HAWS PhD Prof Ent 12T H HSIAO PhD Asst Prof Ent

5J H JUDD BS Ent

3G F KNOWLTON PhD Prof Emeritus Ext Ent Spec

1G H LINFORD MS Assoc Prof Zool

25W P NYE MS Ent and Apic

1F. C OAKS PhD Asst Prof Zool

13R S ROBERTSMS Assoc Prof Ext Ent Spec 1R T SANDERS PhD Prof Physiol

1J R SIMMONS PhD Assoc Prof Genet

1J S STANFORD PhD Prof Emer Ent and Zool

1H P STANLEY PhD Assoc Prof Zool
5H F THORNLEY MS Ent
25P F TORCHIO MS Res Ent

2N N YOUSSEF PhD Asst Prof Ent

Miscellaneous

10620

1MILTON ABRAMS PhD Prof and Libr (801-752-4100 Ext 7544)

VERMONT

The College of Agriculture and Home Economics, the Agricultural Experiment Station, and the Extension Service of the University of Vermont, Burlington 05401 (Main tel 802-864-4511)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 7Related Services 9A-TH, M-S Program

10630

123 E C ANDREWS Jr MD Pres of Univ (802-864-4511)

123R A FORDHAM MA Dean of Academic Admin

1239T W DOWE PhD Dean of Col and Dir of Sta (802-864-4511)

126 A DONOVAN PhD Assoc Dean and Assoc Dir (802-864-4511)

3R P DAVISON MEd Assoc Dean and Dir (802-864-4511) 123M A DYSON BBA Vice Pres for Financial Affairs
1W G BRUSKA MS Vice Pres for Devlpmt

123 ELIZABETH N DOWNER PhB Exec Asst

Animal Pathology

10640

1237W D BOLTON DVM MS Prof and Head of Dept 1Mrs HELEN B DOREMUS DVM Asst Prof Vet Path 1H M DOREMUS DVM Asst Prof Vet Path 127R W MURRAY DVM MS Assoc Prof Vet Path 37J R WADSWORTH VMD MS Vet Path

Animal Sciences

106.50

127 A M SMITH PhD Prof Anim Nutr and Head of Dept

123H V ATHERTON PhD Prof Dairy Bact

123D J BALCH PhD Assoc Prof Anim Brdg
12 B CAREW PhD Assoc Prof Poultry Nutr

12A H DUTHIE PhD Assoc Prof Dairy Chem

12D C FCSS PhD Asst Prof Poultry Sci 13K S GIBSON MS Dairyman 3W P LEAMY MS Dairyman (DHIA)

13L S MERCIA MS Poultryman

10650-10810 VERMONT

Animal Science-Continued Home Economics-Continued 127K M NILSON PhD Asst Prof Dairy Indus and Dairy 3Mrs F ALINE COFFEY BS Nutr Spec Mat IF S EMANUEL BS Instr Inst Admin 12K R SIMMONS PhD Assoc Prof Anim Physiol 1Mrs S JANE EMANUEL MS Asst Prof Text and Cloth 12J G WELCH PhD Prof Anim Nutr Mrs GLADYS M JAMESON MEd Asst Prof Fam Liv 2D E KEYSER PhD Asst Biochem 1ESTHER L KNOWLES MS Assoc Prof Housing Mgt 13C G WOELFEL PhD Assoc Prof Anim Nutr Botany **ነ**በሬደብ 3Mrs VIRGINIA L JODOIN BS Prog Asst Fam Econ 12B B HYDE PhD Prof Cytol and Cytogenet and Head of 1Mrs JULIE W LEPESCHKIN MS Asst Prof Dir Preschool Dept Fam Liv 1P W COOK PhD Ass∞ Prof Phycol 1Mrs JOYCE K LIVAK MS Asst Prof Food and Nutr 12BUD ETHERTON PhD Assoc Prof Plant Physiol 1Mrs ELIZABETH McKAY MS Instr Soc Work 2R H JAGELS PhD Res Assoc Cytol 2SUSAN B MERROW MEd Assoc Nutr 12ELLEN H MORSE PhD Prof Nutr Res 12B M KLLIN PhD Prof Plant Physiol 2F M LAING MS Res Assoc Physiol 1MARILYN M OSBORN MEd Instr Educ 125J W MARVIN PhD Prof Plant Physiol 1Mrs LUCENE L POOLEY BS Instr Nutr 1AGNES T POWELL MS Assoc Prof Nutr 13Mrs FAITH K PRIOR MS Home Mgt Spec 12TECMAS SPHOSTON PhD Prof Plant Path 14FH TAYLOR PhD Prof Plant Anat 124H W VOGELMANN PhD Prof Taxon and Ecol 1Mrs PHYLLIS M SOULE BS Instr Housing Mgt 23D M WILSON PhD Asst Prof Plant Path 12IAN WORLEY PhD Asst Prof Ecol 3Mrs KATHLEEN R STRASSBURG MA Cloth and Relat Art Spec 14Mrs SELINA W WEBSTER MS Assoc Prof Text and 10690 Economics (Agr) Cloth 123F O SARGENT PhD Prof and Head of Dept IMARGARET WHITTLESEY MS Asst Prof Soc Work 23M I BEVINS MS Resource Econ 3C W BIGALOW MS Agr Econ Mktg
3D K EDDY MEEd Farm Mgt 10780 Information 123J W SPAVEN BS Ed and Head of Dept 23LEONE M JACKSON Artist 12C L FIFE PhD Asst Prof Mktg and Bus Mgt 12A H GILBERT PhD Asst Prof Resource Econ 23Mrs KARIN KRISTIANSSON MA Assoc Ed TV 3V F HOUGHABOOM PhD Form Mat 123Mrs PATRICIA A MALONE BS Asst Ed 23T J McCORMICK MEEd Assoc Ed Press and Radio 23KATHLEEN B WEBB BS Assoc Ed Pubs 12R O SINCLAIR PhD Prof Resource Econ 23E, H TOMPKINS MS Resource Loon 12R H TREMBLAY PhD Prof Farm Mgt 123F C WEBSTER PhD Prof Mkta Microbiology and Biochemistry 10785 12D W RACUSEN PhD Prof Biochem and Head of Dept Engineering (Agr) 10710 12D B JOHNSTONE PhD Prof Microbiol 12E C SCHNEIDER MS Prof and Head of Dept 12M W FOOTE PhD Assoc Prof Biochem 12R E SJOGREN PhD Asst Prof Microbiol 12D L WELLER PhD Asst Prof Biochem 12E L ARNOLD PhD Assoc Prof Elec Power and Proc 15JOSEPH BORNSTEIN MS Asst Prof Soil and Water 3M J MOORE MS Housing and Util
3ANDREW TESS ANN BS Farm Structures and Crop Proc Plant and Soil Science 10790 and Mater Handling 12S C WIGGANS PhD Prof Crop Physiol and Head of Dept 10720 Entomology 12R J BARTLETT PhD Prof Soil Chem 123GB MacCOLLOM PhD Prof and Head of Dept 15G R BENOIT PhD Lect Soil Phys 12B R BOYCE PhD Assoc Prof Pomol 3G R NIELSEN PhD Ext Ent and Pesticide Coord 12B L PARKER PhD Asst Sta Ent and Lecturer 12D W BRUCKEL MS Farm Mgr 13C L CALAHAN MS Lect Fruits 12D R EVERT PhD Asst Prof Environ Physiol Extension Administration 3J D MERCHANT MEEd Supvr and Prog Ldr Youth
3M PAULINE ROWE MEd Supvr and Prog Ldr Youth 123 T R FLANAGAN PhD Asst Prof Weeds 12R J HOPP MS Prof Emer Veg 3Mrs DORIS H STEELE MA Supvr and Prog Ldr Home 2M K IVERSON BS Tech Ornam Econ 12J L McINTOSH PhD Assoc Prof Soil Fert 3W W STONE MA Supvr and Prog Ldr Agr and Resource 123N E PELLETT PhD Asst Prof Ornam 2T A RANNEY BS Tech Soils
2T R TEATS BS Tech Pomol
2K E VARNEY MS Asst Proi Field Crops Devlpmt 3W V TUXBURY BS Asst to Dir 10750 3W A WAY MS Crops and Soils 12W W CHRISTENSEN PhD Prof and Head of Dept 12G M WOOD PhD Assoc Prof Turf and Forage Crops 12F H ARMSTRONG MF Asst Prof For Mgt
12J R DONNELLY PhD Asst Prof Tree Physiol Regulatory Service 10800 3R T FOULDS Jr MF For Mgt and Mktg 7R T WETHERBEE MS Chem 12R W FULLER MS Asst Prof Wildlife Mgt 7H E BUCKLAND BS Seed Anal 12P H HANNAH PhD Asst Prof For Soils
3M R HAROLD PhD For Prod Mktg and Util 7H L SAWYER Jr BS Assoc Chem 12T W HOEKSTRA MS Asst Prof Wildlife Mgt 10805 13 J LINDSAY MS Outdoor Recreation Spec Resource Development 12M L McCORMACK DF Assoc Prof Silvic 3W H BINGHAM MS Area Resource Devlpmt Spec 12C C MYERS PhD Asst Prof For Mens 2T L TURNER MS Asst For Mgt 3J A EDGERTON MEEd Area Resource Devlpmt Spec 3N A ELLIOTT BS Area Community Affairs Spec 3J L MONAHAN MS Govt Relat Spec 3B W STRYKER MS Area Resource Devlpmt Spec 12R A WHITMORE MS Assoc Prof Mktg and Util 10760 3N C THOMPSON MEEd Area Resource Devlpmt Spec 12BLAIR WILLIAMS MS Assoc Prof and Head of Dept 3P H WILDASIN BS Agr Resource Spec 1ELIZABETH F ATWOOD MS Asst Prof Text and Cloth

Vocational, Technical, and Extension Education

1G R FULLER EdD Assoc Prof and Head of Dept
12W H KELLY PhD Asst Prof Vocat Tech and Ext Educ

12R J ROSS PhD Assoc Prof Vocat Tech and Ext Educ

Educ

1MARION H BROWN MS Assoc Prof and State Teacher

1MARTHA CALDWELL MS Assoc Prof Relat Arts

2R P CLARKE MS Asst Biochem

VIRGINIA 10820-10840

VIRGINIA

Virginia Polytechnic Institute and State University, Research Division and Extension Division, Colleges of Agriculture and Home Economics, Blacksburg 24061 (Main tel 703-552-60001

1College Staff 2Station Staff 3Extension Staff 5Coop USDA 4Leave of Absence 6Coop USDI 9A-TR, M-S Program

10820

1T M HAHN Jr PhD Pres (703-552-6231) 1W J MckEEFERY PhD Exec Vice Pres (703-552-6233) 1S K CASSELL MS Vice Pres for Admin (703-552-6235) IWE LAVERY PhD Vice Pres for Fin (703-552-6275)

IL F MALPASS PhD Vice Pres for Acad Affairs (703-552-6122)

2R M ROBERTSON PhD Dean of Res Div (703-552-

29C T WILSON PnD Assoc Dean of Res Div and Dir of Agr Expt Sta (703-552-6110)

3W E SKELTON PhD Dean of Ext Div and Dir of Coop Ext Serv (703-552-6705)

3P H DeHART MS Assoc Dean Admin (703-552-6706)
3M C HECKEL PhD Assoc Dean Prog Devlpmt

(703-552-7125)

3K H MARTIN MS Dir Admin Mgt (703-552-6559)

3R W NEWSOME BSA Asst to the Dean (703-552-6914)
3W R VAN DRESSER DVM BS Assoc Dean Field Serv

(703-552-6708)

123.1 E MARTIN PhD Dean of Col of Agr (703-552-6337) 123 P H MASSEY Jr PhD Assoc Dean and Dir Div of Agron and Plant Sci Col of Agr and Assoc Dir Agr Expt Sta (703-552-6338)

123 J R MCHOLS PhD Assoc Dean and Dir Div of Anim and Vet Sci Col of Agr (703-552-6336)

123E N BOYD PhD Asst Dean and Dir Div of Basic Sci Col of Agr (703-552-6986)

10 R JOHNSON PhD Asst Dean Col of Agr (703-552-6391)

123 J F HOSNER PhD Dir Div of For and Wildlife Col of Agr (703-552-6346)

2C H DUNCAN Liaison Off for Outlying Res Sta (703-552-6295)

123 LAURA J HARPER PhD Dean of Col of Home Econ (703-552-6779)

123S J RITCHEY PhD Assoc Dean Col of Home Econ and Asst Dir Agr Expt Station (703-552-6783)

1JF BOONE BS Treas (703-552-6257)

10830 Астонову

123T B HUTCHESON Jr PhD Prof and Head of Dept (703-552-6305)

23M W ALEXANDER MS Asst Prof Crops (PO Holland) 3A H ALLISON MS Asst Prof Peanuts and Soybeans (PO Holland)

2D F AMOS MS Asst Prof Soil Characterization

3M S BAKER Seed Certif

2J E BELSHAN BS Instr Soil Surv 12R E BLASER PhD Prof Crop Mgt

2R L BOMAN MS Instr Crop Mgt (PO Middleburg)

2H T BRYANT PhD Assoc Prof Agron and Supt Va Forage Res Sta (PO Middleburg)

2G R BUSS PhD Asst Prof Plant Brdg

2H M CAMPER Jr BS Asst Prof Agron and Supt Eastern Va Res Sta (PO Warsaw)

12E W CARSON Jr PhD Asst Prof Crops

2M T CARTER MS Assoc Prof Agron (PO Petersburg) 2W J EDMCNDS BS Instr Soil Surv

2J H. ELDER Jr BS Asst Prof Soil Surv 3G R EPPERSON BS Assoc Prof Soils

12C F GENTER PhD Prof Plant Brdg

23E F GOLDSTON BS Asst Prof Soil Surv
2D L HALLOCK PhD Assoc Prof Soil Fert (PO Holland)

2R C HAMMES Jr BS Asst Prof Crop Mgt (PO Middleburg)

2R E HANES MS Instr Crop Mgt

3R L HARRISON PhD Prof Seeds

Agronomy-Continued

3G W HAWKINS PhD Prof Soil Fert

2R L HODGES BS Instr Soil Surv

2G D JONES BS Asst Prof Agron and Supt Piedmont : Res Sta (PO Orange)

5J N JONES MS Assoc Prof Soil Mat

23D L KASTER BS Asst Prot Soil Surv 12WYBE KROONTJE PhD Assoc Prof Soil Fert

3W W LEWIS MS Prof Crops and Spil Ext Proj Ldr

23L A LINK MS Asst Prof Tob (PO Glade Spring)
2J A LUTZ MS Asst Prof Soil Fert

12D C MARTENS PhD Assoc Prof Soil Fert

3G D McCART PhD Asst Prof Soil Per

2W J MEYER MS Asst Prof Soils 5J D MILLER PhD Prof Plant Brda

2W W MOSCHLER MS Asst Prof Soil Fert

2R W MOZINGO MS Instr Peanut Variety Eval (PO Holland)

12J D PENDLETON PhD Assoc Prof Soils

2D E PETTRY PhD Asst Prof Soils 123H C PORTER BS Assoc Prof Soils

23P H REID PhD Prof Soil Fert and Sci-in-Charge Tidewater Res Sta (PO Holland)

12C I RICH PhD Prof Soils

23GLENN RICHARDSON MS | Asst Prof Soil Surv

2M J ROGERS BS Asst Prot Agron and Supt Tot. Res Sta (PO Chatham)

12R E SCHMIDT PhD Assoc Prof Turf 3J F SHOULDERS MS Assoc Prot Turf

2T J SMITH PhD Prof Plant Brdg

12L H TAYLOR PhD Prof Plant Brdg

12T R TERRILL PhD Asst Prof Plant Brdg 3J L TRAMEL Jr PhD Assoc Prof Tob

2J P UPTON Jr BS Instr Soil Surv

5P H VAN SCHAIK PhD Agron (PO Holland)

3J R WHATELY BS Seed Certif

3H E WHITE PhD Ass∞ Prof Forages

2J M WOODRUFF MS Instr Crop Mgt

12D D WOLF PhD Ass∞ Prof Crop Mgt

Anaerobe Laboratory

10835

2W E C MOORE PhD Prof Bact (703-552-6933)

2Mrs ELIZABETH P CATOMS Instr Bact

2C S CUMMINS DSc PhD Prof Bact

2Mrs LILLIAN V HOLDEMAN PhD Prof Buct

2J L JOHNSON PhD Asst Prof Bart 2R M SMIBERT PhD Prof Bact

2L D SMITH PhD Prof Bact

Animal Science

10840

123M B WISE PhD Prof and Head of Dept (703-552-6311)

3G A ALLEN Jr MS Prof Sheep

3L B ALLEN MS Asst Prof Gen Livestock (PO Warsaw)

2K P BOVARD PhD Assoc Prof Anim Genet (PO Front Royal)

3J H CARTER Jr MS Assec Prof Swine 'FO Hulland'

12R C CARTER PhD Prof Anim Genet

3C R COOPER PhD Asst Prof Swine

12J S COPENHAVER MS Assoc Prof Livestock Mgt

3A L ELLER Jr MS Asst Prof Beef Cattle

12J P FONTENOT PhD Prof Anim Nutr

12J A GAINES PhD Assoc Prof Anim Genet 12G G GREEN PhD Assoc Prof Anim Nutr

3A N HUFF MS Asst Prof 4-H Livestock Spec

12E T KORNEGAY PhD Assoc Prof Swine Nutr 1Mrs BETTY S LAMBUTH BS Instr Horizes

3T R LAMBUTH PhD Asst Prof Qual Control in Meat Anim

12T J MARLOWE PhD Prof Anim Genet

3C C MAST BS Prof Beef Prod Ext Proj Ldr

2F S McCLAUGHERTY MS Asst Prof Anim Sci and Supt Southwest Va Res Sta (PO Glade Spring)

2W H McCLURE MS Asst Prof Anim Sci and Supt Shenandoah Valley Res Sta (PO Steeles Tavern)

12T N MEACHAM PhD Assoc Prof Physiol Reprod

13G L MINISH PhD Ass∞ Prof Anim Nutr

3G A MORROW PhD Asst Prof Horse Spec

25B M PRIODE MS Assoc Prof Anim Sci and Supt Beef Cattle Res Sta (PO Front Royal)

VIRGINIA 10840-10930

Animal Science—Continued

2H R THOMAS MS Assoc Prof Swine (PO Holland)
2K E WEBB PhD Asst Prof Rumin Nutr

3K C WILLIAMSON MS Prof Beef Cattle Mktg

Biochemistry and Nutrition

10850

12B M ANDERSON PhD Prof and Head of Dept (703-552-6315)

12C J ACKERMAN PhD Prof Biochem

12L B BARNETT PhD Assoc Prof Biochem

12R D BROWN PhD Asst Prof Biochem

12G E BUNCE PhD Assoc Prof Biochem

12T CCAMPBELL PhD Assoc Prof Biochem

2R W ENGEL PhD Prof Chief VPI Party AID Philippines

12J L HESS PhD Asst Prof Biochem

12K M PLOWMAN PhD Asst Prof Blochem

2N O PRICE MS Assoc Prof Biochem

12Mrs MARQUETA H SAMLI PhD Asst Prof Biochem

12R R SCHMIDT PhD Prof Biochem

12J R VERCELLOTTI PhD Assoc Prof Biochem

12R E WEBB PhD Assoc Prof Biochem 12R W YOUNG MS Asst Prof Biochem

Clothing, Textiles, and Related Arts (Col of Home Econ)

10865

13ORIS GLISSON MS Prof and Head of Dept (703-552-6179)

1Mrs MARIANNE BEESON MS Instr Cloth and Text 3MARGARET A GROSECLOSE MS Assoc Prof Cloth and Text Ext Prof Ldr

3KATHERINE L HABEL MS Asst Prof Home Furn

12W L MAULDIN PhD Assoc Prof Text

3Mrs MILDRED A PAYNE MS Asst Prof Home Furn

1ENID F TOZIER PhD Assoc Prof Cloth 1J T WATTS MS Asst Prof Int Design

Dairy Science 10870

123R G CRAGLE PhD Prof and Head of Dept (703-552-

3V L BALDWIN PhD Assoc Prof

2R L BOMAN MS Instr Dairy Sci (PO Middleburg)

3R E BUFFINGTON MS Instr Youth Prog

12P T CHANDLER PhD Assoc Prof Nutr

IW M ETGEN PhD Prof Mgt

2G C GRAF PhD Prof Physiol 2C W HEALD PhD Res Assoc

2J A LINEWEAVER PhD Asst Prof Physiol

12C N MILLER MS Instr in Chg Herds 3W R MURLEY PhD Prof Ext Proj Ldr

3W N PATTERSON MS Assoc Prof Dairy Records

12C E POLAN PhD Assoc Prof Nutr 12R G SAACKE PhD Prof Physiol

12R A SANDY MS Assoc Prof

2N R THOMPSON PhD Assoc Prof Genet

12JM WHITE PhD Assoc Prof Genet

Economics (Agr)

10880

123J E FARIS PhD Prof and Head of Dept (703-552-6301)

3J B BELL PhD Assoc Prof Bus Mgt Ext Proj Ldr

2J T BUCK PhD Prof Poultry Mktg

3G W BURKHART PhD Asst Prof Farm Mgt

12R L CHAMBLISS Jr MS Assoc Prof Farm Mat

3C W COALE Jr PhD Asst Prof Mktg
12M C CONNER PhD Prof Milk Mktg

12W L GIRSON Jr PhD Prof Land Econ 23H M HARRIS PhD Asst Prof Dairy Mktg

12P H HOEPNER PhD Prof Prod Econ

3D L HOLDER PhD Asst Prof Livestock Mktg

12J M JOHNSON PhD Prof Fruit Mktg 12D E KENYON PhD Asst Prof Mktg

12R G KLINE PhD Prof Farm Mgt
3D L LONG PhD Prof Consum Econ
3K E LOOPE MS Assoc Prof Farm Mgt

13W RLUCKHAM PhD Assoc Prof Poultry Mktg

3 J P MARSHALL PhD Prof Pub Policy

3J M MOORE MS Asst Prof Form Mgt

12R O MORRIS PhD Asst Prof Resource Econ

3R K REYNOLDS MS Asst Prof Farm Mat

Economics (Agr)—Continued

3W A TINSLEY PhD Visiting Assoc Prof Farm Mat

3H W WALKER MS Assoc Prof Form Mgt

SA J WALRATH PhD Prof Land Econ (ERS)

Engineering (Agr)

10910

10920

123J P MASON PhD Assoc Prof and Head of Dept (703-552-6615)

2E S BELL Jr MS Assoc Prof Elec Power and Proc 3B H BINGHAM BS Instr Bidg Plan Serv 3J L CALHOUN MS Prof Elec Power and Proc Ext Proj Ldr

5G BDUKEBS Assoc Prof Agr Engin (ARS) (PO Holland)

12U F EARP MS Prof Elec Power and Proc 3E B HALE MS Assoc Prof Soil and Water Engr

1G H HETZEL ME Instr Agr Mech

3A J LAMBERT MS Assoc Prof Elec Power and Proc

2J H LILLARD MS Prof Soil and Water Conserv

2McNEIL MARSHALL BS Assoc Prof Structures

3E W MUNDIE BS Prof Natural Resource Conserv 1B L PARSONS MS Assoc Prof Soil and Water Conserv

2J V PERUMPRAL PhD Asst Prof Elec Power and Proc 2V O SHANHOLTZ PhD Asst Prof Soil and Water

Conserv

3E S SMITH MS Assoc Prof Farm Mach 5J S SMITH MS Asst Prof Elec Power and Proc (ARS)

SJ M STANLEY MS Assoc Prof Elec Power and Proc

5J L STEELE PhD Agr Engin (ARS) (PO Holland)

3R H TRICE BS Asst Prof Elec Power and Proc

IT J WAKEMAN MS Prof Agr Mech

3C D WHEARY BS Assoc Prof Structures

5F S WRIGHT PhD Agr Engin (ARS) (PO Holland)

12M E WRIGHT PhD Asst Prof Power and Mach

Externology 123J M GRAYSON PhD Prof and Head of Dept

(703-552-6341) 3W A ALLEN MS Instr Ins Surv

2M L BOBB PhD Prof Biol Control Fruit Ins (PO Chariottesville)

12D G COCHRAN PhD Prof Biochem Physiol Genet

2C B DOMINICK MS Assoc Prof Tob Insects (PO Chatham)

12J L EATON PhD Asst Prof Ins Behavior

12H J HEIKKENEN PhD Assoc Prof For Ins 12R D HENDRICK PhD Asst Prof Biol Control Forage

2C H HILL PhD Prof Fruit Ins (PO Winchester) 12MICHAEL KOSZTARAB PhD Prof Scale Ins

12R L PIENKOWSKI PhD Assoc Prof Ecol Forage Ins

3J E ROBERTS PhD Assoc Prof Gen Ent 3W H ROBINSON PhD Asst Prof Gen Ent

2Mrs MARY H ROSS PhD Asst Prof Ins Genet

2J C SMITH PhD Asst Prof Peanut Ins (PO Holland)

12E C TURNER Jr PhD Prof Livestock Ins 3J A WEIDHAAS Jr PhD Assoc Prof Nursery Woody Omam Plants

Extension Service - Administration and Programs

3W E SKELTON PhD Dean of Ext Div and Dir of Coop Ext (703-552-6705)

3P H DeHART MS Assoc Dean Admin

3M C HECKEL PhD Assoc Dean Prog Devlpmt

3K H MARTIN MS Dir Admin Mgt

3R W NEWSOME BSA Asst to Dean

3W RVAN DRESSER DVM BS Assoc Dean Field Serv

3E S ALLEN MS Dist Agt (PO Salem)

3R W BLANTON MS Prog Ldr 4-H-Youth

3G T BLUME PhD Ext Spec Social

3JEANETTE L CARNES MS Prog Ldr 4-H - Youth (PO Luray)

3E W CARSON BS Dist Agt (PO Appomattox)

 $3R \ E \ COMLEY \ BS \ Assoc \ Dir \ Admin \ Cont \ Educ \ Ctr$

30 W CUNDIFF MS Ext Spec Trng 3P B DOUGLAS BS Dist Agt (PO Abingdon)

3M F ELLMORE PhD Dir Agr and Natural Resources

3D R FESSLER PhD Ext Spec Social

10930-10963 VIRGINIA

Extension Service-Administration and Programs—Continued	Forestry and Wildlife 10940
3HEIDI E FORD MS Ext Spec Prog	123J F HOSNER PhD Prof and Head of Dept
3RH FOSTERBS Oper Mgr Cont Educ Ctr 3Mrs ANN W FRAME MS Prog Ldr Home Econ	(703-552-6346) 12R E ADAMS MF
3H B FRANKLIN Jr MS Ext Spec Com Devlpmt (PO	12EF BELL PhD Asst Prof Resource Econ
Richmond)	12H E BURKHART PhD Asst Prof For
3Mrs FRANCES H GRAHAM MS Prog Ldr Home	6K B CUMMING PhD Ldr Fisheries Unit
Econ (PO Salem)	12M L DAHLBERG MS Asst Prof Fisheries
3ETHEL L GRUBBS MS Ext Spec Home Econ	23G R DUDDERAR MS Instr Wildlife
3R H GRUENHAGEN PhD Ext Spec Chem Drugs and Pesticides	6R DESTES MS Asst Ldr Fisheries Unit
3Mrs CALLIE C HARDWICKE MA Prog Ldr Home	12P P FERET PhD Asst Prof For Tree Genet 12R H GILES PhD Assoc Prof Wudlife
Econ (PO Richmond)	3C E GILL MF Assoc Prof For
3J L HARGIS BA Assoc Dir Prog Devlpmt Cont Educ	12H J HEIKKENEN PhD Assoc Pro For Ent
Ctr	13C J HOLCOMB BF Prof For
3RF HARSHBERGER MA Ass∞ Dir Gen Ext Cont Educ Ctr	12GEZA IFJU PhD Assoc Prof Wood Prods 12JB KENNEDY PhD Asst Prof Recr
3MARY E HARRIS ME Prog Ldr Home Econ (PO	124R L KIRKPATRICK PhD Asst Prof Wildlife Physiol
Abingdon) 3Mrs THELMA T HEWLETT MS Ext Spec Home Econ	2R E KREH BS Instr Silvic
(PO Richmond)	3F M LAMB MS Instr Forest Util 12H A MADGWICK PhD Assoc Prof Eccl
3TOMATE LOU HUNTER MS Prog Ldr Home Econ (PO	3R T MARKS PhD Assoc Prof For Econ Ext Proj Ldr
Luray)	12R E MARTIN PhD Assoc Prof For Util
34W H JUDY PhD Prog Ldr Agr (PO Emporia)	3W A McELFRESH MS Asst Prof For
3T M LARNER BS Field Serv Repr State Tech Serv	6B S McGINNIS PhD Prof Game Mat.
3N E LAU PhD Ext Spec Chem Drugs and Pesticides (Coord)	12H S MOSBY PhD Prof Wildlife Conserv 12C M NEWTON PhD Asst Prof For Biomet
3C H LESTER PhD Ext Ldr Spec Prog	13R C PARKER MS Instr For
3H A LITTLE MS Prog Ldr Agr (PO Richmond)	34D A STUMBO MS Instr Wood Prods Util
3W H MASHBURN BS Field Serv Repr State Tech Serv	12A D SULLIVAN PhD Asst Prof For Biomet
3C M McBRIDE MS Prog Ldr 4-H-Youth	12E F THOMPSON PhD Asst Prof For
3MARY H McCOY MS Prog Ldr Home Econ	12R B VASEY PhD Asst Prof For Ecol
3GENE McMURTREY PhD Dir Community Resource Devlpmt	6J V WHELAN PhD Asst Prof Anim Nutr
3BETTY S MIFFLIN MS Ext Spec Trng	Home Economics Education (Col of Home Econ) 10950
3H I MILLS Acct	1BETH C JORDAN MS Prof (703-552-6161)
13P J MOORE PhD Ext Spec Trng	100/0
3J B NORMENT BS Dist Agt (PO Richmond) 3D E O'MEARA MS Prog Ldr Res Devlpmt (PO Emporia)	Horticulture 10960 123M E AUSTIN PhD Assoc Prof and Actg Head (703-
3C R PERKINS MS Prog Ldr Resource Devlpmt (PO Yorktown)	552-6351) 12L H AUNG PhD Asst Prof Oler
3D W PHILLIPS BS Field Serv Repr State Tech Serv	12J A BARDEN PhD Asst Prof Pomol
(PO Richmond)	13A S BEECHERMLA Prof Landsc
3A T POOLE Jr MS Prog Ldr Agr (PO Appomattox)	23L D BROWN PhD Assoc Prof Pomol (PO Winchester)
3R H PUSEY MS Dir State Tech Serv	3F R DREILING MS Assoc Prof Pomol
3N N RICH MS Prog Ldr 4-H - Youth (PO Abingdon) 3D T ROGERS Jr BS Dist Agt (PO Emporia)	13J A FAISZT MLA Assoc Prof Landsc 3J C GARRETT MS Asst Prof Landsc
3J B SHRYOCK MS Prog Ldr Resource Devipmt (PO	23H E HOHLT PhD Asst Prof Oler (PO Painter)
Abingdon)	12FRANK HORSFALL Jr PhD Prof Pomol
3T P SIBURT DVM Ext Spec Chem Drugs and Pesticides	13W P JUDKINS PhD Prof Ornam Hort
13A R SLAYTON PhD Dir Trng	12R S LINDSTROM PhD Prof Flor
3R L SWAIN Admin Asst 3ANN E THOMPSON PhD Dir Fam Resources	12G E MATTUS PhD Prof Pomol and Oler
3R R TUDOR BS Dist Agt (PO Luray)	12G D OBERLE PhD Prof Plant Genet 23C R O'DELL MS Instr Pomol and Oler
3J M TYREE MS Dir 4-H - Youth	23E L PHILLIPS MS Assoc Prof Pomol (PO
3B H WEDDLE Jr MS Prog Ldr Agr (PO Luray)	Charlottesville)
F 15 - 17 1 1 1000	13P L SMEAL PhD Prof Flor and Landsc
Food Science and Technology 10934 123E N BOYD PhD Prof and Head of Dept	23G R WILLIAMS MS Prof Pomol Ext Proj Ldr
(703-552-6986)	Human Nutrition and Foods (Col of Home Econ) 10962
3J D BALDOCK PhD Asst Prof	123S J RITCHEY PhD Prof and Head of Dept
23F W COOLER PhD Assoc Prof	(703-552-6783)
12E O ESSARY PhD Prof	12R P ABERNATHY PhD Assoc Prof Human Nutr
3G J FLICK PhD Asst Prof 2P P GRAHAM PhD Asst Prof	3JO ANNE BARTON MS Asst Prof Foods and Nutr Ext Proj Ldr
12R F KELLY PhD Prof	2Mrs JEANETTE C GORMAN MS Instr Nutr and Foods
12ANTHONY LOPEZ PhD Prof	12MARY K KORSLUND MS Asst Prof Foods and Nutr
3P J MULDOON PhD Asst Prof	12Mrs JEAN A PHILLIPS PhD Assoc Prof Human Nutr
12M D PIERSON PhD Asst Prof	and Foods
2W K STONE PhD Prof 12C B WOOD MS Assoc Prof	3MARJORIE A PORTER MS Instr Foods and Nutr 3Mrs JEAN A ROBBINS MPH Asst Prof Nutr
	1MARIAN D RUFF PhD Asst Prof Human Nutr and Foods
Forage Testing Laboratory 10936	12F W THYE PhD Asst Prof Human Nutr and Foods
3S B CARR PhD Asst Prof Forage Eval (703-552-6870)	1JANE WENTWORTH MS Asst Prof Nut:
4-H Club 10938	
3J M TYREE MS Prof	Information 10963
3C D ALLEN PhD Assoc Prof	1W H STROTHER MS Dir (703-552-6668)
3D A DYER PhD Assoc Prof	3S G BODLEY BS Dir TV Serv
34J A REYNOLDSMS Ass∞ Prof 3MARTHA L YORK MS Asst Prof	2Mrs BEVERLY J BRINLEE BA Pubs Ed 3H E CAMERON MS Dir Pubs

10963-11010

VIRGINIA 10980 Information—Continued **Poultry Science** 23H D DAMANT BA Dır Press Serv 3D F FLANARY BS Dir Radio Serv 123C E HOWES PhD Prof and Head of Dept (703-552-6365) 12W L BEANE MS Asst Prof Mgt
3D D BRAGG MS Assoc Prof Com Egg Prod 3A D HETZER BA Dir Ext Pubs 2J C MALONE BS Dir Res Pub 23Mrs ANNE SMILHOUS Ext Pub Ed 3R H BURTNER MS Assoc Prof Youth Prog Waterfowl 2W G MITCHELL MS Dir Inform Bur Rabbits 23L W O'NEILL BS Dir Vis Aids 23MIKE KELLY PhD Asst Prof Nutr 12A T LEIGHTON Jr PhD Prof Genet 3D D MOYER MS Assoc Prof Turkey Prod 12L M POTTER PhD Assoc Prof Turkey Nutr Management, Housing and Family Development (Col of 3A T RINGROSE PhD Assoc Prof Broiler Prod 10964 Home Econ) 123J E MONTGOMERY PhD Prof and Head of Dept 12P B SIEGEL PhD Prof Genet and Behavior (703-552-6163) 12HP VAN KREY PhD Asst Prof Avian Physiol 3MARY H DAILEY MS Asst Prof Home Mgt 34W D WEAVER Jr MS Asst Prof Spec at Large (PO 1J B DARCY MS Asst Prof Fam Devlpmt Luray) 12Mrs SHIRLEY FARRIEREdD Assoc Prof Child 3R L WESLEY PhD Assoc Prof Poultry Proc Technol Ext Proj Ldr Devlomt 12Mrs JOSEPHINE FOSTER PhD Prof Child Devlpmt 12E L WISMAN PhD Assoc Prof Nutr 3WANDA A GOLDEN MS Instr Housing 3GAYNELLE HOGAN MS Asst Prof Consum Educ 14MARY A KIMBRELL MS Ass∞ Prof Child Devlpmt 11000 **Veterinary Science** 123D F WATSON VMD Prof and Head of Dept 12ESTHER A MARTIN PhD Assoc Prof Home Mgt (703-552-6376) 1PATRICIA J MAXEYBS Instr Child Devlpmt 12T L BIBB DVM MS Assoc Prof Clin Med and Surg 2Mrs GRACIA McCABE MS Instr Res 12KATHRYN PHILSON PhD Prof Housing 12GERMILLE COLMANO DVM PhD Prof Physiol 12J W DAVIS DVM PhD Prof Bact 12MICHAEL J SPORAKOWSKI PhD Ass∞c Prof Fam 2C H DOMERMUTH PhD Prof Bact 12R T DuBOSE DVM MS Prof Virol 12W B GROSS DVM PhD Prof Poultry Path Devlpmt 3KATHLEEN W WAMPLER MS Asst Prof Fam Life Ext Proj Ldr 3S L KALISON DVM BS Prof Ext Vet Ext Proj Ldr 2K G LIBKE DVM MS Prof Path 3JANICE E WOODARD MS Asst Prof Home Mgt 3G A MacINNIS DVM BS Assoc Prof Ext Vet 2J C OSBORNE DVM MS Prof Path 10970 Plant Pathology and Physiology 123H B COUCH PhD Prof Plant Path and Head of Dept **Outlying Research Stations** 11010 Dis Turfgrasses and Root Dis (703-552-6361) Beef Cattle Res Sta PO Front Royal 22630 (Coop USDA) (703-635-5018) 12S W BINGHAM PhD Assoc Prof Plant Physiol Growth Regulation 25B M PRIODE MS Asst Prof Anim Sci and Supt 124WE CHAPPELL PhD Prof Plant Physiol Growth 2K P BOVARD PhD Assoc Prof Genet Regulation Eastern Virginia Res Sta PO Warsaw 22572 (703-333-5255) 23J S COARTNEY PhD Asst Prof Plant Physiol 2H M CAMPER Jr BS Asst Prof Agron and Supt 3L B ALLEN MS Asst Prof Gen Livestock Herbicides Piedmont Res Sta PO Orange 22960 (703-672-2660) 2G E COATS MS Instr Plant Physiol Herbicides 123C R DRAKE PhD Assoc Prof Plant Path Fruit Dis 2G D JONES BS Asst Prof Agron and Supt 12J A FOX PhD Asst Prof Plant Path Nematode Genet 12C L FOY PhD Assoc Prof Plant Physiol Growth Shenandruh Valley Res Sta PO Steeles Tavern 24476 (703-377 - 2255) $2W\ \mbox{H}\ \mbox{McCLURE}\ \mbox{MS}\ \ \mbox{Asst}\ \mbox{Prof}\ \mbox{Anim}\ \mbox{Sci}\ \mbox{and}\ \mbox{Supt}$ Regulation 5K H GARREN PhD Prof Plant Path Peanut Dis Pod Southside Va Res Sta PO Charlotte Court House 23923 (703-Rot (ARS) (PO Holland) 542-5236) Southwest Va Res Sta PO Glade Spring 24340 (703-944-3668) 12G J GRIFFIN PhD Assoc Prof Plant Path Root Dis 12M G HALF PhD Assoc Prof Plant Physiol Growth 2F S McCLAUGHERTY MS Asst Prof Anim Sci and Supt 23 L A L.INK MS Asst Prof Tob Regulation Root Exudates Tidewater Res Sta PO Holland 23391 (703-657-4231) 12R G HENDERSON PhD Prof Plant Path Tob Dis 23P H REID PhD Prof Soil Fert and Sci-in-Charge Resist 2K D HICKEY PhD Assoc Prof Fruit Dis (PO 23M W ALEXANDER MS Asst Prof Crops 3A H ALLISON MS Asst Prof Peanuts and Soybeans
3J H CARTER Jr MS Asst Prof Swine Winchester) 2R K JONES MS Instr Plant Path Virol
3A H KATES MS Assoc Prof Plant Physiol 5G B DUKE BS Assoc Prof Agr Engin (ARS)5K H GARREN PhD Prof Plant Path Peanut Dis Pod Herbicides 23R C LAMBE PhD Assoc Prof Plant Path Omam Dis Rot(ARS) 2D L HALLOCK PhD Assoc Prof Soil Fert Ext Proi Ldr 2J L LaPRADE MS Assoc Prof Plant Path Tob Dis 2R W MOZINGO MS : Instr Peanut Variety Eval 5D M PORTER PhD Asst Prof Plant Path Peanut Dis Resist (PO Chatham) 12L I MILLER PhD Prof Plant Path Nematol (ARS) 12L D MOORE PhD Assoc Prof Plant Path Physiol of 230 E RUD PhD Asst Prof Plant Physiol Growth Regulat 2J C SMITH PhD Asst Prof Peanut Ins 5J L STEELE PhD Agr Engin (ARS) Dis 23W W CSBORNE PhD Prof Plant Path Nematol
5D M PORTER PhD Asst Prof Plant Path Peanut Dis 2H R THOMAS MS Assoc Prof Swine 5PH VAN SCHAIK PhD Agron (ARS) (ARS) (PO Holland) **5**FS WRIGHT PhD Agr Engin (ARS)
Tobacco Dis Res Sta PO Chathum 24531 (703-432-8113) 3ROBERT PRISTOU PhD Ass∞ Prof Plant Path Soybean Dis 12C W ROANE: PhD Prof Plant Path Genet Host Parasite 2J L LaPRADE MS Assoc Frof Plant Path Tob Dis Interact Regis*

Tobacco Res Sta PO Chatham 24531 (703-432-5311)

2M J ROGERS BS Asst Prof Agron and Supt

2H T BRYANT PhD Assoc Prof Agron and Supt 2R C HAMMES Jr BS Asst Prof Crop Mgt

Virginia Forage Res Sta PO Middleburg 22117 (703-687-3521)

2C B DOMINICK MS Assoc Prof Tob Ins

2R L BOMAN MS Instr Dairy Sci

230 E RUD PhD Asst Prof Plant Physiol Growth

2LUBEN SPASOFF MS Asst Prof Plant Path Dis Control

123R J STIPES PhD Asst Prof Plant Path Shade Tree Dis 12SUE A TOLIN PhD Asst Prof Plant Path Virol 12W H WILLS PhD Prof Plant Path Root Dis Tob

Regulation (PO Holland)

123J M SKELLY PhD Asst Prof For Tree Dis

Outlying Research Stations—Continued Virginia State Col Res Sta PO Petersburg 23801 (703-526-511. Ext 377) 2M T CARTER MS Assoc Prof Agron 11020 Outlying Laboratories Piedmont Res Lab PO Charlottesville 22901 (703-296-6920) 2M L BOBB PhD Prof Biol Control Fruit Ins 23E L PHILLIPS MS Assoc Prof Pomol Winchester Res Lab PO Winchester 22601 (703-667-8330) 23L D BROWN PhD Assoc Prof Pomol 2K D HICKEY PhD Assoc Prof Fruit Dis 2C H HILL PhD Prof Fruit Ins Virginia Truck and Ornamentals Research Station 2Station Staff 3Extension Staff 5Coop USDA Norfolk Branch, Norfolk 23501 (703-464-3528) 11030 2W H BRITTINGHAM PhD Dir (703-464-3528) 2J W ABERNATHIE PhD Hort 2E A BORCHERS PhD Plant Brdr 2J T BROWN BS Farm Mgr 2D E GREENWOOD PhD Ent 5W GJ KNIBBE PhD Soil Sci 2T J NUGENT MS Plant Path 5G A PEARSON PhD Plant Physiol 2F B STEWART PhD Soil Sci Eastern Shore Branch, Painter 23420 (703-442-6411) 11040 2E M DUNTON Jr PhD Soil Sci-in-Chg (703-442-6411)
2R E BALDWIN PhD Plant Path 2BOYETT GRAVES MS Hort 2R N HOFMASTER PhD Ent 23H E HOHLT PnD Ext Spec Veg 2H P WILSON PhD Plant Physiol The Schools of Agriculture and Home Economics of Virginia State College, Petersburg 23803 1College Staff 2State Staff 3Extension Staff **4**Leave of Absence **5**Coop USDA 11050 1J F TUCKER PhD Pres 1J B CEPHAS BS Treas-Comptroller 10 R JOHNSON PhD Dir of Sch of Agr and Prof Ag Ed (Tel 703-526-5111 Ext 358) IMILDREII N JORDAN PnD Dir of Sch of Home Econ and Prof Home Econ Educ 1E VALLGOOD DEE Assoc Prof and Dir of Res Agricultural Economics and Business 11060 1M T CARTER MS Assoc Prof and Head of Dept 14S O FARK MS Asst Prof. 11070 Animal Science 1B K HOLLAND MS Assoc Prof and Head of Dept 1I C FEOPLES MS Asst Prof of Poultry 1J L SETTLE DVM Assoc Prof Biology (Sch of Arts and Sci) 11090 1B R WOODSON PhD Prof and Head of Dept 14NATHANIEL BOGGS Jr PhD Prof 14F CLIVERS MS Instr 1R H DUNN PhD Prof 1H DHAMLETT PnD Assoc Prof and Head of Dept Sci Educ 1Mrs EVELYN W JEMISON NS Assoc Prof

11100

14R F NEWKIRK BS Instr 14M L POWELL MS Asst Prof 14A O SMITH MS Instr 1G & SMITH MS Instr 1J G TOWNSEL PhD Assoc Prof Chemistry (Sch of Arts and Sci) IS M MOFFETT PhD Prof and Head of Dept 1T N BAKER PhD Prof 14Mrs ORCHID L BROWN MS Asst Prof 1J H TROTTER MS Assoc Prof

11010-11185 Economics (Sch of Com) 11110 1H J BATTLE PhD Prof and Head of Dept 1W T RICHIE PhD Frof 11120 Education 1M A FIELDS PhD Prof and Head of Dept 1F W NICHOLAS MS Asst Prof Engineering 11130 1A J MILLER EdD Prof Geology 11135 ON Jr PhD Prof and Head of Dept 1E K RADER MS Asst Prof 11140 Home Economics 1Mrs CLEOPATRA W ARMSTRONG MA Assoc Prof Text and Cloth 1Mrs GENEVA J BAKER MA Assoc Prof Applied Art 1DELLA BANNISTER MS Asst Prof Foods and Nutr 1Mrs IRENE F COSBY MS Assoc Prof Home and Fam 1Mrs REBECCA T DAVIS MS Asst Prof Child Care and Fam Life IELNORAOWENS MS Assoc Prof Home Ec Educ and Teacher Educ 1Mrs IDA M SCOTT MS Assoc Prof Child Care and Fam 1_ife 11152 1C A DAVENPORT PhD Prof and Head of Dept IJANESHWAR UPADHYAY PhD Prof Physics (Sch of Arts and Sci) 11155 1J C DAVENPORT PhD Prof and Head of Dept 1G W HENDERSON MS Asst Prof 1C E STRONACH MS Asst Prof 1Mrs HELEN S WILLIAMS MS Asst Prof 11160 Plant and Soil Science 1W L WATSON PhD Prof Hort and Head of Dept 1P S BENEPAL PhD Assoc Prof Plant Physiol 1C C LEWIS PhD Prof Agron
1L F LARTIN MS Assoc Prof Hort 14B A PERRY PhD Assoc Prof Agron 11170 Miscellaneous 1Mrs CATHERINE V BLAND BLS Actg Libr Dir 1ALICE A JACKSON MLS Ed Libr

1Mrs SARAH W WALLACE BLS Per Libr

WASHINGTON

Washington State University, College of Agriculture, Pullman 99163 (Main tel 509-335-3564)

1College Staff 2Research Staff 3Extension Staff 4Leave of Absence 5Coop USDA 9A-TR, M-S Program 6Coop other govt agency

11180

123 W G TERRELL Jr PhD Pres (509-335-5541) 1239L L MADSEN PhD Dean of Col Agr (509-335-4562)
1B R BERTRAMSON PhD Dir of Resident Instr (509-335~4561) **3 J P MILLER MS** Dir of Ext (509-335-3521) 12D L OLDENSTADT PhD Assoc Prof and Agr Econ and Asst Dir of Res 12L W RASMUSSEN PhD Asst Dir of Res 123W E ZUGER BA Fin Off 23W D ADAMS BS Asst Fin Off

Agriculture (General) 13L C STRAIT EdD Assoc Prof and Asst Dir of Resident Instr ICURTIS TRENT PhD Prof

WASHINGTON

11190-11230 11190 Agronomy 123BR BERTRAMSON PhD Dir of Resident Instrand Agron and Acting Chmn (509-335-3475) 25R E ALLAN PhD Collab in Agron 2A S BAKER PhD Assoc Soil Sci (PO Puyallup)
2N R BENSON PhE Soil Sci and Hort (PO Wenatchee) 25L C BOAWN MS Collab in Agron (PO Prosser) 23SE BRAUEN PhD Asst Agron and Agron Spec (PO Puyallup) 25V F BRUNS BS Collab in Agron (PO Prosser) 125CL CANODE: PhD Prof and Collab in Agron 2BL CARLILE MS Junior Soil Sci 12H H CHENG PhD Asst Prof and Asst Soil Sci 25R D COMES PhD Collab in Agron (PO Prosser) 25A M DAVIS PhD Collab in Agron 25J H DAWSON PhD Collab in Agron (PO Prosser) 23A I DOW MS Soil Spec and Assoc Agron (PO Prosser) 25j H ELGIN PhD Collab in Agron
2D W EVANS PhD Asst Agron (PO Prosser) 12W H GARDNER PhD Prof and Soil Sci 25D W GEORGE MS Collab in Agron 12R A GILKESON MS Assoc Prof and Assoc Soil Sci 23R L GOSS PhD Assoc Agron and Agron Spec (PO Puvallup) 23A R HALVORSON PhD Soil Sci and Spec in Soil Testing 3C B HARSTON PhD Soils and Water Conserv 12R L HAUSENBUILLER PhD Prof and Soil Sci 125L C JOHNSON PhD Assoc Prof and Collab in Agron 12J A KITTRICK PhD Prof and Soil Sci 12ANDRIS KLEINHOFS PhD Asst Prof and Asst Agron 2F E KOEHLER PhD Soil Sci 12C F KONZAK PhD Prof and Agron 12A G LAW MS Prof and Agron 25L P LILLEY MS Collab in Agron 12B L McNEAL PhD Assoc Prof and Assoc Soil Sci 12J D MAGUIRE PhD Asst Prof and Asst Agron 25D E MILLER PhD Collab in Agron (PO Prosser) 12D G MILLER PhD Asst Prof and Asst Agron 23K J MORRISON PhD Agron and Agron Spec 2W P MORTENSEN PhD Soil Sci (PO Puyallup) 25F J MUEHLBAUER PhD Collab in Agron 26R G MUELLER MS Collab (TVA) 124T J MUZIK PhD Prof and Agron
2C E NELSON MS Agron (PO Prosser)
12R A NILAN PhD Prof and Agron 25A G OGG PhD Collab in Agron and Collab in Hort
25R I PAPENDICK PhD Collab in Agron
23D V PEABODY Jr MS Assoc Agron and Weed Spec (PO Mount Vernon) 25C J PETERSON MS Collab in Agron 25C M RINCKER MS Collab in Agron (PO Prosser) 2STEVE ROBERTS PhD Asst Soil Sci 125W C ROBOCKER PhD Assoc Prof and Collab in Agron 25R D SCHIRMAN PhD Collab in Agron 25 J L SCHWENDIMAN BS Collab in Agron 12H W SMITH PhD Prof and Soil Sci 12W A STARR BS Prof and Soil Sci 23D G SWAN PhD Assoc Agron and Weed Spec 23D O TURNER MS Assoc Agron and Soil Spec (PO Puyallup) 1250 A VOGEL PhD Prof and Collab in Agron

25F H WEBB BS Collab in Agron 25V E WILSON PhD Collab in Agron 12G M WOOD PhD Assoc Prof and Assoc Agron 25C E ZIMMERMAN MS Collab in Agron **Animal Sciences** 123T H BLOSSER PhD Prof and Dairy Sci and Chmn (509-335-5523) 23R W ANDERSON BA Junior Dairy Sci 3D K ANDREWS PhD Poultry Spec (PO Puyallup) 12U S ASHWORTH PhD Prof and Dairy Sci 2G E BEARSE BS Poultry Sci (PO Puyallup)

12W A BECKER PhD Poultry Sci and Prof Genet Prog 2L R BERG PhD Poultry Sci (PO Puyallup)
2W S BUTTS MD Collab in Anim Sci 12J R CARLSON PhD Asst Prof and Asst Anim Sci

12R L WARNER PhD Asst Prof and Asst Agron

Animal Sciences-Continued 12J M CASEY MS Instrand Junior Anim Sc: 12I A DYER PhD Prof and Anim Sci 12M H EHLERS PhD Prof and Dairy Sci 12V L ESTERGREEN PhD Assoc Prof and Ausoc Dairy $\mathbb{S}_{\mathbb{C}1}$ 12T L FORSTER PhD Prof and Dairy Sci
12J A FROSETH PhD Asst Prof and Asst Anim Sci
123M W GALGAN PhD Prof and Anim Sci and ExtSpec 2R S HANSEN BS Assoc Poultry Sci (PO Puyallup) 12P C HARRISON PhD Asst Prof and Asst Anim Sci 2W W HEINEMANN PhD Anim Sci (PO Prosser) 12J K HILLERS PhD Asst Prof and Asst Anim Sci 2A S HODGSON BS Asst Dairy Sci (PO Puyallup) 1IRIS HUGHES MS Instr in Anim Sci 12L S JENSEN PhD Prof and Poultry Sci 3J B JOHNSON PhD Livestock Spec 12R J JOHNSON PhD Assoc Prof and Assoc Anim Sci 3B F KELSO PhD Dairy Spec (PO Puyallup) 12I L KOSIN PhD Prof and Poultry Sci 12H A KRONBERG PhD Prof and Collab in Anim Sci 12L O LUEDECKE PhD Assoc Prof and Assoc Dairy Sci 123JAMES McGINNIS PhD Prof and Poultry Sci and Poultry Spec 3W E McREYNOLDS PhD Livestock Spec 12L J MANUS PhD Assoc Prof and Assoc Dairy Sci 12DANIEL MENZEL PhD Prof and Collab in Anim Sci 2F R MURDOCK PhD Dairy Sci (PO Puyallup) 12C C O'MARY PhD Prof and Anim Sci
12M H PUBOLS PhD Assoc Prof and Assoc Poultry Sci 124A O SHAW PhD Prof and Dairy Sci (AID Pakistan) 12J V SPENCER PhD Prof and Poultry Sci 12RW WALLENIUS PhD Asst Prof and Asst Dairy Sci **3**G F WILLIAMS PhD Dairy Spec (PO Payallap) Chemistry (Agr) 26J F ARMSTRONG BS Collab in Agr Chem (USPHS Wenatchee)

2D R COAHRAN PhD Asst Agr Chem 2JOHN DeMOURA PhD Asst Agr Chem. 26W C FELSENSTEIN MD Collab in Agr Chem (USPHS Wenatchee) 12R J FOSTER PhD Assoc Prof and Assoc Agr Chem 2YOSHIKIYO KIMURA PhD Asst Agr Chem (PO Puyallup) 25S J KITTERMAN MS Collab in Agr Chem 2P E KOLATTUKUDY PhD Assoc Agr Chem 2J M LAWRENCE PhD Agr Chem 23R C MAXWELL MS Asst Agr Sci and Agr Chem Spec 2V L MILLER MS Agr Chem (PO Puyallup) 25G L RUBENTHALER MS Collab in Agr Chem 12C A RYAN Jr PhD Assoc Prof and Assoc Agr Chem 25W F SOLLARS MS Collab in Agr Chem 25D C STAIFF PhD Collab in Agr Chem (PO Wenatchee) 25E R WOLFORD BS Collab in Agr Chem (PO Puyallup) 124R G YOUNT PhD Assoc Prof and Assoc Agr Chem Economics (Agr) 11230

123 J M NIELSON PhD Prof and Agr Econ and Chimn (509-335-5555) 12P N BARKLEY PhD Assoc Prof and Assoc Agr Econ 23J C BARRON PhD Asst Agr Econ and Resource Devlpmt Spec 25N L BILLS MS Collab in Agr Econ 12L L BLAKESLEE PhD Asst Prof and Asst Agr Econ 3T A BREWER PhD Mktg Spec 12R W BRUCE PhD Asst Prof and Asst For Econ 12W R BUTCHER PhD Prof and Agr Econ 12K L CASAVANT MS Instrand Junior Agr Econ 23R T DAILEY PhD Asst Agr F.con and Farm Mgt Spec 12C D DITWILER PhD Asst Prof and Asst Agr Econ 3S M DORAN MA Farm Mgt Spec
23K D DUFT PhD Mktg Spec and Asst Agr Econ 25E R FASTRUP MS Collab in Agr Econ
3B J FLOREA PhD Farm Mgt Spec
12R J FOLWELL PhD Asst Prof and Asst Agr Econ 12W S GREIG PhD Prof and Agr Econ

11230-1130 WASHINGTON

Economics (Agr)—Continued

123 A H HARRINGTON PhD Prof and Agr Econ and Mkta Spec

3KARL HOBSON MS Mktg Price Spec

125R A LOOMIS PhD Assoc Prof and Collab in Agr Econ

125E L MICHALSON PhD Assoc Prof and Collab in Agr Econ

25R E OEHLSCHLAEGERMS Collab in Agr Econ

3A W PETERSON PhD Econ Spec

120 W PRICE PhD Assoc Prof and Assoc Agr Econ

12W A REHBERG PhD Assoc Prof and Assoc Agr Econ

12L F ROGERS PhD Assoc Prof and Assoc Agr Econ

25% C RUDE MS Collab in Agr Econ

3E N SEARLS PhD Dairy and Poultry Mktg Spec (PO Puyallup)

25L V SUMMERS PhD Collab in Agr Econ

25D E UMBERGER MS Collab in Agr Econ

12LASZLO VALKO PhD Assoc Prof and Assoc Agr Econ
12M V WAANANEN PhD Prof and Agr Econ

12E. E. NEEKS PhD. Prof and Agr Econ

12D A WEST MS Asst Prof and Asst Agr Econ

12N K WHITTLESEY PhD Assoc Prof and Assoc Agr Econ 25E C WILCOX PhD Collab in Agr Econ (PO Seattle)

30 S WIRAK MS Mktg Spec

123M E WIRTH PhD Assoc Prof and Assoc Agr Econ and Farm Mat Spec

11240 Editorial

2G A BOWMAN MS Res Ed Col of Agr

130 U BAY MS Acr Sci Ed and Ext Ed

3RUTH S CARLSON MA Pub Ed

3L R FELHAFER MS Radio-TV Spec

3E J OTIS BA Inform Spec (PO Puyallup)

34C K PECK MS Inform Spec

3L L RADER BA Radio-TV Spec

Engineering (Agr)

123 JUNE ROBERTS MS Prof and Agr Engin and Chmn 509-335-32441

12D L BASSETT MS Assoc Prof and Assoc Agr Engin 25A G BERLAGE MS Collab in Agr Engin (PO

11260

Wenatchee)

3E H DAVIS MS Agr Engin

2K C FGGLESTON PhD Asst Agr Engin

12J E GEORGE Jr MS Assoc Prof and Assoc Agr Engin

3M. A HAGOOD MS . Irrig and Water Use Spec (PO Prosser)

25G M HYDE BS Collab in Agr Engin

2J E MIDDLETON BS Assoc Agr Engin (PO Prosser)

31 H MILLIGAN MS Agr Engin Spec

12C C MUELLER PhD Asst Prof and Asst Agr Engin

25G O PATCHEN ME Collab in Agr Engin (PO Wenatchee)

28 F + FLLERIN BS Asst Mech Engin 12C L PETERSON MS Asst Prof and Asst Agr Engin

12C A PETTIBONE MS Asst Prof and Asst Agr Engin

12A E POWELL PhD Assoc Prof and Assoc Agr Engin

25L C SCHOENLEBER BS Collab in Agr Engin (PO Yakima)

12J B SIMPSON MS Asst Prof and Asst Agr Engin 3E B WILSON MS Agr Engin (PO Prosser)

25G F MOST BS Collab in Agr Engin (PO Wenatchee)

11270 Entomology

123R F HARWOOD PhD Prof and Ent and Chmn (509-335-5504)

12R L AKRE PhD Assoc Prof and Assoc Ent 2E W ANTHON MS Ent (PO Wenatchee)

12R L BENSON PhD Asst Prof and Asst Ent

12A A BERRYMAN PhD Assoc Prof and Assoc Ent

2E C BURTS PhD Ent (PO Wenatchee)

25B A BUTT BS Collab in Ent (PO Yakima)

2W W CONE PhD Assoc Ent (PO Prosser)

25D L COUDRIET BA Collab in Ent (PO Yakima)
25R W DAWSON PhD Collab in Ent

25F P DEAN MS Collab in Ent (PO Yakima)

2P M EIDE MS Assoc Ent (PO Mount Vernon)

2L W GETZIN PhD Ent (PO Puyallup)
25J E HALFHILL MA Collab in Ent (PO Yakima)
25D G HATHAWAY BS Collab in Ent (PO Yakima)

Entomology-Continued

25J F HOWELL PhD Collab in Ent (PO Yakima)

2S C HOYT PhD Ent (PO Wenatchee)

12C A JOHANSEN PhD Prof and Ent

2E C KLOSTERMEYER PhD Ent (PO Prosser)

25B J LANDIS MS Collab in Ent (PO Yakima)

25H R MOFFITT PhD Collab in Ent (PO Wenatchee)

25F V NONINI MS Collab in Ent 3J T PENNELL PhD Ent Spec (PO Puyallup)

25G R PESHO MS Collab in Ent

25D M POWELL MS Collab in Ent (PO Yakima)

3A H RETAN MS Ent Spec

2J L. SAUNDERS PhD Assoc Fnt (PC Payallup)

2C H SHANKS PhD Ent (PO Vancouver)

25G N TAMAKI PhD Collab in Ent (PO Yakıma)

12H S TELFORD PhD Prof and Ent

25R L WALLIS BS Collab in Ent (PO Yakima)

25L D WHITE PhD Collab in Ent (PO Yakima)

26H R WOLFE BS Collab in Ent (USPHS Wenatchee)

Extension Administration Supervision and 4-H Club Work

1128

3J P MILLER MS Dir

3WAYNE BATH PhD Asst Dir

3H A COSGRIFFE PhD State Ldr of Prog

3C A HALL PhD State Ldr of Human Resources

3J E HAVENS Ext 4-H Prog Spec

3E I HOPP MAgr Supvr (PO Puyallup)

3J G JONES MEd State Supvr (PO Puvallup)

3Mrs MARY A KOHLIMS Dist Prog Ldr-Hum Res

3L N LIEBEL MA Ext Train Coord

3J S LONG PhD Conf Coord 3G L POOR BS State Supvr

3T R QUANN ExM Dist Prog Ldr-Youth (PO Puyallup)
3RITA SULLIVAN MS 4-H Prog Spec

3HENRIETTA VAN MAANEN MS Dist Prog Ldr (PO Prosser)

3Mrs JANE %INSOR MA Dist Prog Ldr (PO Puyallup) 3HENRY WOLFE MS State Supvr (PO Prosser)

Forestry and Range Management

1129

123G A HARRIS PhD Prof and For and Chmn (509-335-5584)

3D M BAUMGARTNER PhD Wildland Resource Spec 25H W BERNDT MS Collab in For (PO Wenatchee)

12A A BERRYMAN PhD Assoc Prof and Assoc Ent 12R W BRUCE PhD Asst Prof and Asst Ent

3JOSEPH BUHALY BS For Spec (PO Puyallup)

25H D BURKE BS Collab in For (PO Wenatchee)

12R W DINGLE PhD Prof and For 25W B FOWLER BS Collab in For (PO Wenatchee)

12C J GOEBEL PhD Assoc Prof and Assoc For

3B K HALEY MA Ext Rec Spec

2P E HEILMAN PhD Assoc For (PO Fuyallup)

25H G HERRING MS Collab in For (USFS PO Wenatchee 25G O KLOCK PhD Collab in For (PO Wenatchee)

25WILLIAM LOPUSHINSKY PhD Collab in For (PO Wenatchee)

12M M MOSHER MF Prof and For

2J R NELSON MS Asst For

12A F NOSKOWIAK PhD Assoc Prof and Assoc For

1L V PIENAAR PhD Asst Prof 123BF ROCHÉ Jr PhD Assoc Prof and Range Mgt Spec

12J D ROGERS PhD Assoc Prof and Assoc For Path

1D R SATTERLUND PhD Assoc Prof 25A R TIEDMANN PhD Collab in For (PO Wenatchee)

25A M WILSON PhD Collab in For and Range Mgt 25D D WOOLDRIDGE PhD Collab in For (USFS PO

Wengtchee)

1130

Home Economics Research 12Mrs MARGARET M HARD MS Prof and Home Econ and Chmn (509-335-3844)

3Mrs THINE LU BLOXHAM MA Cloth Spec

3Mrs DOROTHY W CHASE MA Home Mgt Spec (PO Puyallup)

12MARION E L JACOBSON PhD Prof and Home Econ 2Mrs HELEN H KOEHLER MS Junior Home Econ

3Mrs ESTHER LIGGETT MA Home Mgt Spec

3Mrs CHARLENE MARTINSEN MS Nutr Spec

WASHINGTON 11300-11370

Home Economics Research-Continued Plant Pathology-Continued 3EUNICE A MEAKIN BS Nutr Spec 12ENID M MITCHELL PhD Asst Prof and Asst Home 2W A HAGLUND PhD Assoc Plant Path (PO Mount Vernon) 12J W HENDRIX PhD Prof and Plant Path 125 J A HOFFMAN BS Asst Prof and Collab in Plant Path 25W G HOYMAN PhD Collab in Plant Path (PO Econ 3E ARLEAN PATTISON MS Home Mgt Spec 12GENEVIEVE E SCHEIER PhD Assoc Prof and Assoc Prosser) 25D S JACKSON BS Collab in Plant Path Home Econ 2FOLKE JOHNSON PhD Plant Path (PO Payallup) 25H C KIRKPATRICK PhD Collab in Plant Path (PO 3Mrs PEGGY A SEYMOR MS Nutr Spec (PO Puyallup) Wenatchee) 25J M KRAFT PhD Collab in Plant Path (PO Prosser) 25R F LINE PhD Collab in Plant Path 12S B LOCKE PhD Prof and Plant Path 11310 Horticulture 123W B ACKLEY PhD Prof and Hort and Chmn (509-335-3616) 30 C MALOY Jr PhD Plant Path Spec 1H T ABBOTT MLA Prof 2G I MINK PhD Assoc Plant Path (PO Prosser) 2W C ANDERSON BS Asst Hort (PO Mount Vernon) 2B H BARRITT PhD Asst Hort (PO Puyallup) 25C L PARISH PhD Collab in Plant Path (PO 2N R BENSON PhD Hort and Soil Sci (PC Wenatchee) Wenatchee) 23J W BERRY PhD Asst Hort and Hort Spec (PO Prosser) 12D R BIENZ PhD Assoc Prof and Assoc Hort 25C F PIERSON PhD Collab in Plant Path (PO Wenatchee) 25S W BURT BS Collab in Hort (PO Wengtchee) 2J D ROGERS PhD Assoc Plant Path 2W J CLORE PhD Hort (PO Prosser) 3J C DODGE MS Hort Spec (PO Puyallup) 25M J SILBERNAGEL PhD Collab in Plant Path (PO Prosser) 2C C DOUGHTY PhD Assoc Hort (PO Puyallup) 25D R HEINICKE PhD Collab in Hort (PO Wenatchee) 2C B SKOTLAND PhD Plant Path (PO Prosser) 25P E THOMAS PhD Collab in Plant Path (PO Prosser) 2L W HUDSON MS Asst Hort 2W M IRITANA PhD Assoc Hort 25J T WALDHER BS Collab in Plant Path Sociology (Rural) 11330 26 A H JONES MS Met (Coop US Weather Bur PO 123F INYE PhD Prof and Rural Social and Chmn (509-Wenatchee) 124E W KALIN PhD Prof and Hort 335-4163) 12H M RAHE PhE Assoc Prot and Assoc Bural Social 2D O KETCHIE PhD Asst Hort (PO Wenatchee) 23K F. BARBER PhD Asst Rural Social and Family Life 2R R KUNKEL PhD Hort 12F E LARSEN PhD Assoc Prof and Assoc Hort Spec 12B A CHADWICK PhD Asst Prof and Asst Rural Sociol 12D A TRUE MAN PhP Asst Prof and Asst Bural Sociol 25M W MARTIN PhD Collab in Hort (PO Prosser) 12C W NAGEL PhD Assoc Prof and Assoc Hort 25A G OGG PhD Collab in Hort and Collab in Agron 123W L SLOCUM PhD Prof and Rural Social 3A A SMICK MS Community Organ Spec 25K L OLSEN PhD Collab in Hort (PO Wenatchee) 12M E PATTERSON PhD Prof and Hort 12C L PFEIFFER PhD Assoc Prof and Assoc Hort 11335 Statistical Service 12M J POWERS PhD Assoc Prof and Assoc Hort 2E L PROEBSTING PhD Hort (PO Prosser) 12T S RUSSELL PhD Prof and Statis 12T P BOGYO PhD Prof and Statis 2G M SOUTHWARD PhD Asst Statis 2G F RYAN PhD Assoc Hort (PO Puyallup) IR F SCHEELE MA Asst Prof 23A Y SHAWA MS Asst Hort (PO Long Beach) 11340 **Veterinary Science** 12D A SMITTLE PhD Asst Prof and Asst Hort 25E A STAHLEY PhD Collab in Hort (PO Wenatchee) 12J A HENDERSON DVM MS Dean of Vet Med and Chmn of Dept (509-335-3255) 3R E THORNTON MS Hort Spec 12B R CHO DVM PhD Asst Vet and Asst Prof of Vet Sci 25T K TOYAMA PhD Collab in Hort (PO Prosser) and Vet Microbiol 3R B TUKEY PhD Hort Spec 12J S DUNLAP DVM MS Prof and Vet 3B G WESENBERG PhD Hort Spec (PO Puyallup) 2R L DUTTON PhD Assoc Vet (PO Puyallup) 25M W WILLIAMS PhD Collab in Hort (PO Wenatchee) 25R K FARRELL DVM BS Collab in Vet 12C G WOODBRIDGE PhD Prof and Hort 12R W H GILL ESPIE DVM PhD Assoc Prof Vet Microbio! and Assoc Bact 11320 25J R GORHAM DVM PhD Collab in Vet Sci **Plant Pathology** 25K W HAGEN RS Collab in $V \approx Sc.$ 12J P HENGON I VM PhD Profound $V \approx t$ and Chan of Vet 123C G SHAW PhD Prof and Plant Path and Chmn (509-335-3741) 26M D AICHELE BS Collab in Plant Path (Coop State Path Dept Agr PO Prosser) 3R I HOSTETLER DVM BS Anim Health Spec 26E C BLODGETT PhD Collab in Plant Path (State Dept 2A C JERSTAD DVM Vet (PO Puyallup) Agr PO Prosser) 12S G KENZY DVM PhD Prof Vet Path and Chmn of Vet 12G W BRUEHL PhD Prof and Plant Path Microbiol 25D W BURKE PhD Collab in Plant Path (PO Prosser) 25P W CHENEY BS Collab in Plant Path (PO Wenatchee) 2R F LAPEN MS Assoc Vet Sci 2W J MATHEY DVM PhD Assoc Vet (PO Puyallup) 125R J COOK PhD Collab in Plant Path and Ass∞ Prof 12TORBJORN MOLL DVM PhD Prof Vet Microbiol and 25MELVIN COUEY PhD Collab in Plant Path (PO Vet Wenatchee) 12R C PIPER DVM PhD Prof and Vet Path 2R P COVEY PhD Asst Plant Path (PO Wenatchee) 2J M. SHARMA PhD Poultry Path 2L I WINWART BS Research Zool 3A D DAVISON PhD Plant Path Spec (PO Puyallup) 25S M DIETZ PhD Collab in Plant Path 12RUBEN DURAN PhD Assoc Prof and Assoc Plant Substations Path Irrig Agr Res and Ext Center (PO Prosser) (509-984-5500) 2J I. ALLISON PhL Flant Fath and Supt Othello Res Farm (Othello) 2G D EASTON PhD Assoc Plant Path (PO Prosser) 12L R FAULKNER PhD Prof and Plant Path (PO

11370

Royal Slope Res Farm (Othello)

Tree Fruit Res Center (PO Wenatchee) (509-663-8181)

20 5 LAHSEN PhD Hort and Supt Columbia View Res Farm (Entiat)

Western Wash Res and Ext Center (PO Puyallup) (206-845-66131

2D F ALLMENDINGER PhD Hort Supt and Vice Dir Exp Stas

Prosser)

Puvallup)

Path

2P R FRIDLUND PhD Plant Path (PO Prosser)

2R L GABRIELSON PhD Assoc Plant Path (PO

12L A HADWIGER PhD Assoc Prof and Assoc Plant

2C J GOULD PhD Plant Path (PO Puyallup)

12S O GRAHAM PhD Prof and Plant Path

Substations—Continued

Coastal Wush Res and Ext Unit (Long Beach) (206-642-20311

Northwestern Wash Res and Ext Unit (Mount Vernon) (206-424-6121)

23R A NORTON PhD Assoc Hort and Supt

Southwestern Wash Res Unit (Vancouver) (206-695-57011

2P C CRANDALL PhD Hort and Supt

Dry Land Res Unit (PO Lind) (509-677-3671)

2W L NELSON MS Assoc Agron and Supt

The College of Forest Resources of the University of Vashington, Seattle 98105

1College Staff 2Station Staff 3Extension Staff 6Coop USFS 4Leave of Absence 9A-TR, M-S Program

11372

12C E ODEGAARD PhD Pres of Univ (206-543-5010)
12(, W FARWFLL PhD Vice Pres of Res of Univ (206-543-0151)

12J S BETHEL DF Dean of Col and Prof For (206-543-2730)

12S P GESSEL PhD Assoc Dean of Col and Prof For Soils (206-543-2730)

12B A JAYNE DF Assoc Deam of Col and Prof Wood Phys

(206-543-2759)

12D G (HAPMAN PhD) Prof and Dir Cent Quan Sci (206-543-1718)

1239D P THOMAS MF Prof Wood Sci and Tech and Dir Inst For Prod(s) and Spec Asst to Vice Pres Acad Aff (206-543-2730)

123R M KENADY MSF Asst Dir Inst For Prod (s) and Prog Dir Cont Educ (206-543-2730)

Forestry

11375

1G G ALLAN PhD Assoc Prof Fiber Sci

2S ARCHIF. BSF Staff For 12B B BARE PhD Asst Prof Quan Sci

1B S BRYANT DF Assoc Prof Wood Sci and Tech

1D W COLE PhD Assoc Prof For Soils

1BARNEY DOWDLE PhD Assoc Prof For Econ

1C H DRIVER PhD Prof For Path

1H D ERICKSON PhD Prof Wood Sci and Tech

2FOFISCHERBMS Mgr Admin Serv

IL J FRITSCHEN PhD Assoc Prof For Met

1R I GARA PhD AssocProf For Ent

1H S GARDNER ScD Prof Pulp and Paper Technol and Chem Engin

1W H HATHEWAY PhD Assoc Prof Quan Sci

236J C HENDEE PhD Lect Outdoor Recreation

1BF HRUTFIORD PhD Assoc Prof Wood Chem

1LAWRENCE LENEY PhD Assoc Prof Wood Sci and Technol

23K M MacDONALI) BSF Asst to Dean BOMULLIGAN Lect

236J L MURPHY PhD Proj Ldr Fire Sci and Technol 3J Q MURPHY Ed

12HANS RIEKERK PhD Res Asst Prof For Soils 1K V SARKANEN PhD Prof Wood Chem

1W H SCHAEFFER PhD Prof For

R M SCOTT PhD Prof Silviculture IG W SHARPE PhD Prof Outdoor Recreation IGEORGE STENZEL MF Prof Log Engin

1R F STETTLER PhD Assoc Prof For Genet and Asst Prof Genet

1R B TABER PhD Prof Wildlife Mgt

1T W THORSI UND ScD Asst Prof Quan Sci 1K J TURNBULL PhD Assoc Prof For Biomet

1F C UGOLINI PhD Assoc Prof For Soils

236J A WAGAR PhD Proj Ldr Outdoor Recreation

4T R WAGGENER PhD Asst Prof For Econ J A WITT Lect

1D D WOOLDRIDGE PhD Assoc Prof For Hydrol

WEST VIRGINIA

College of Agriculture and Forestry, the Agricultural Experiment Station, and the Cooperative Extension Service of West Virginia University, Morgantown 26506 (Main tel 304-293-01111

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Age 7International Programs Staff 8Misc 9A-TR, M-S Progr

114

123J G HARLOW PhD Pres of Univ (304-293-5531)
123E J NESIUS PhD Vice Pres of Univ in Chg Off Camp Educ (304-293-2641)

12R S DUNBAR Jr PhD Decm of Col (304-293-4921)

129A H VanLANDINGHAM PhD Dir of Sta and Assoc De of Col (304-293-2991)

3B L COFFINDAFFER PhD Dir of Coop Ext Serv (304 293-3322)

3R L STUMP MS Assoc Dir of Coop Ext Serv (304-290 3321)

12H C EVANS PhD Assoc Dir of Sta (304-293-5721)

12A L BARR PhD Dir of Div of Anim and Vet Sci (304 293-2231)

12M E GALLEGLY PhD Dir of Div of Plant Sci (304-293-4817)

12K D McINTOSH PhD Dir of Div of Resource Mgt (304) 293-32311

12D E WHITE PhD Dir of Div of For (304-293-2941)

7N M BAUGHMAN PhD Dir of Internati Prog (304-293 2041)

123W | McMILLION MS Comptroller Treas of Agr Expt Sta and Coop Ext Serv

12JOHN LUCHOK BSJ Univ Ed

Animal and Veterinary Sciences, Division of

12A L BARR PhD Prof Agr Econ and Dir of Div 70 J ABBOTT PhD Assoc Prof Poultry Sci

12G C ANDERSON PhD Prof Anim Sci Nutr

12LESLIE DOZSA DVM Prof Vet Sci Anim Path

3J C EMCH MS Asst Prof and State Ext Spec Anim Husb

12M R GRIMES BS Instr Food Sc:

3J T GUILL MS Asst Prof and State Ext Spec Anim Husb

12D J HORVATH PhD Prof Anim Sci Nutr

12E K INSKEEP PhD Assoc Prof Anim Sci Physiol

3R O KELLEY PhD Asst Prof and State Ext Spec Dairy

12H E KIDDER PhD Prof Anim Sci Physiol

12E A LINGER BS Instr Anim Sci

3WESLEY LYNCH MS Instr Anim Sci Dairy and State Ext Proj Ldr Resource Devlpmt

12M R McCLUNG PhD Prof Anim Sci Brdg and Genet 7D L McILROY Ir PhD Asst Prof Anim Sci

12G A McLAREN PhD Prof Anim Nutr and Brochem
12W G MA RTIN PhD Assoc Prof Agr Biochem Radiat

Intermed Metab

3B W MOORE MS Asst Prof and State Ext Spec Poult

12N O OLSON DVM Prof Vet Sci Anim Path
12HCMER PATRICK PhD Prof Agr Brochem Radiat In termed Metab

12R A PETERSON PhD Asst Prof Poultry Sci Enviror 12R L REID PhD Prof Anim Sci Nutr 11 H RIFTZ IVM Prof Emeritus Vet Sci and Anim Pc

3J F SCHABINGER PhD Area Ext Spec and Assoc P

Dairy (PO Weston) 1P M SMITH MS Instrand Supt Dairy Mfg

3GL/INN SNYDER It MS - Apot Prof Durry Sci and Stat Ext Prog Ldi 4-H and Youth Prog

12W V THAYNE MS Instr Anim Brdg 12R O THOMAS PhD Asst Prof Dairy Sci Nutr

3B W WAMSLEY Jr MS Assoc Prof and State Ext Spe An.m Husb

12S J WEESE MA Assoc Prof Dairy Sci Mfg

2HAUL WEISS DVM Res Assoc Anim Patn 12 J A WELCH PhD Prof Anim Sc: and Anim Husb

7F E WOODSON DVM Assoc Prof Vet Sci and Anim Path

WEST VIRGINIA

Forestry, Division of

12D E WHITE PhD Assoc Prof For Econ and Dir of Div 3G H BRIEDING BS Asst Prof and State Ext Prog Ldr

16S M BROCK PhD Assoc Prof For Econ 1M G BROOKS MS Prof Emer Wildlife Mgt

12J H BROWN PhD Assoc Prof For Silvic

12K L CARVELL DF Prof For Silvic

12F CCECH PhD Prof For Genet

Outdoor Recr

5J D GILL MS - Asst Prof Wildlife Mgt

12A W GOODSPEED MF Prof For Mat

6W H GOUDY MS Asst Prof Wildlife Mgt

3W N GRAFTON MS Asst Prof and State Ext Spec For Mat (PO Beckley)

3C S HALL MS Asst Prof and State Ext Spec Wood Util

12J R HAMILTON PhD Prof Wood Sci

5W M HEALY BS Instr Wildlife Mgt

1J M HUTCHISON Jr MS Asst Prof For Recr

12N DJACKSON MF Asst Prof For Util and Asst to Dir of Div

12E P JENKINS BSF Instr Wood Sci

2L O KERESZTESY PhD Visiting Res Assoc Timber Engin

3W E KIDD Jr MS Asst Prof and State Ext Spec For Mgt

12C B KOCH PhD Prof For Wood Sci

12D L KULOW PhD Assoc Prof For Mensur

12RICHARD LEE PhD Assoc Prof For Hydrol

12W R MAXEY MSF Instrand For Mgr

12E D MICHAEL PhD Assoc Prof Wildlife Mgt

12P R MOUNT PhD Asst Prof For Econ 5J H PATRICK MF Asst Prof For Hydrol

1W C PEPCIVAL PhD Prof Emeritus For Silvic

12D E SAMUEL PhD Asst Prof Wildlife Mgt

5H R SANDERSON MS Asst Prof Wildlife Mgt

1J G SCHERLACHER MEd Prof For Recr

12R L SMITH PhD Prof Wildlife Mgt

12H P STEINHAGEN Diplom-Holzwirt Asst Prof Wood Sc.

5J W THOMAS BS - Asst Prof Wildlife Mgt

5G R TRIMBLE Jr MS Asst Prof For Silvic

12E H TRYON PhD Prof For Silvic

1W L WYLIE BS Instr For Recr

3J N YEAGER BS Instr For Mgt and Area Ext Spec (PO Weston)

Plant Sciences, Division of

11440

12M E GALLEGLY PhD Prof Plant Path and Dir of Div

12R E ADAMS PhD Assoc Prof Plant Path

12F L ALT BS Instrand Farm Supt Agron

3J F BANIECKI PhD Asst Prof and State Ext Spec Plant Path and Ent.

12H L BARNETT PhD Prof Mycol 7N M BAUGHMAN PhD Prof Soil Sci

12B C BEARCE PhD Asst Prof Hort Omam Plant Physiol 50 L BENNETT MS Collab USDA Soils

12S H BLIZZARD MS Instr Hert and Supt Hort Farm and Greenhses

12J L BROOKS PhD Asst Prof Agr Biochem

12LINDA BUTLER PhD Asst Prof Ent

12W H CHILDS PhD Prof Hort Small Fruits and Berries

2A E CCLBURN MS Res Asst Soil Andl 12C K DORSEY PhD Prof Ent Chem Control

12E S ELLIOTT PhD Prof Plant Path Forage Dis

3C F ENGLE PhD Assoc Prof and State Ext Spec Soil Phys

2W F. GRUBE MS Res Asst Soil Sci

3N C HARDIN Jr MS Assoc Prof and State Ext Spec Hort

12L, M INGLE PhD Assec Prof Hort Fruits Plant Physiol

12E M JENCKS PhD Assoc Prof Soil Sci Soil Chem

12W J KACZMARCZYK PhD Asst Prof Genet

12R F KEEFER PhD Assoc Prof Soil Fert

1J G LEACH PhD Prof Emer Plant Path
1V G LILLY PhD Prof Emer Fungus Physiol

5P F LUNDBERG MS Collab USDA Soils

1R S MARSHAM Prof Emer Hort

5E L MATHIAS MS Collab USDA Soils

12W N MILLAR PhD Asst Prof Bact Soil Microbiol

7P G MCE PnD Assoc Prot Soil Microbiol

12JOGINDER NATH PhD Assoc Prof Genet

Plant Sciences Division of-Continued

120 M NEAL Jr PhD Prof Hort Flor Ornam 7F J OLSEN Jr PhD Assoc Prof Agron Forage Crops

2W P PINNELL MS Res Asst Agron

12G G POHLMAN PhD Prof Soil Sci Soil Fert

3C D PORTER PhD Asst Prof Agron and State Ext Spec

3D O QUINN MS Assoc Prof and State Ext Prog Ldr Safe Use of Pestic

120 E SCHUBERT PhD Prof Hort Weed Control Plant Physiol

12E G SCOTT PhD Prof Hort Plant Physiol

35GEORGE SHARPE MS Assoc Prof and State Ext Spec Soil Conserv

2R N SINGH PhD Res Assoc Soil Fert

12R M SMITH PhD Prof Agron Soils Phys and Classif

7C B SPEROW Jr MS Assoc Prof Field Crops 12D A STEIZIG PhD Asst Prof Agr Biochem

12R P TRUE PhD Prof Plant Path For Dis

12VALENTIN ULRICH PhD Prof Genet Plants

12COLLINS VEATCH PhD Prof Agron Weed Control

7W A vanECK PhD Assoc Prof Soil Sci For Soils
12A E WATADA PhD Assoc Prof Hort Veg Plant Physiol

2J E WEAVER MS Res Asst Ent 12H A WILSON PhD Prof Bact Soil Microbiol

7R T WURSTER PhD Asst Prof Hort

Resource Management, Division of

11460

12K D McINTOSH PhD Assoc Prof Agr Econ and Dir of Div

7VF AMANN PhD Adj Assoc Prof Agr Econ Resource Devlpmt (Uganda)

7P V ARMBRESTER MS Asst Prof Agr Educ and Asst Dir Internatl Prog

7L S BENNETT PhD Prof Agr Educ (Kenya)

1R C BUTLER PhD Prof Agr Educ

12J H CLARKE PhD Prof Agr Econ Mktg

3C W COLLIER Jr MLA Asst Prot and State Ext Spec Landse Arch

7EB COLLINS MSAgE Asst Prof Agr Engin and Chief of Party (Kenya)

12W H DICKERSON Jr MSAgE Prof Agr Engin Soil and

12R G DIENER PhD Asst Prof Agr Engin Phys Properties 7W B EASLEY MS Instr Agr Educ (Kenya)

12K C ELLIOTT MSAgE Asst Prof Agr Engin Power and

Mach 12R E EMERSON MS Assoc Prof Agr Engin Farm Shop 1DW GIROUARDMLA Asst Prof Landsc Arch Region

Planning and Recr 2E CGOFF Res Asst Farm Mgt

7C R GRAFTON MSAGE Asst Prof Agr Engin (Kenya)

 ${\tt 1M\ R\ HODGES\,MLA}\quad {\tt Asst\ Prof\ Landsc\,Arch\ Urb\ and}$ Region Design

12R L JACK PhD Assoc Prof Agr Econ Mktg 1W G KFLLY EdD Assoc Prof Agr Educ

12J P KUEHN PhD Asst Prof Agr Econ
1J J LALLI MLA Asst Prof Landsc Arch Urb Design and Campus Planning

12A D LONGHOUSE PhD Prof Agr Engin Farm Structure 1G W LONGENECKER MFA Asst Prof Landsc Arch Plants Ecol and Plantg Design

14R H MAXWELL MS Asst Prof Agr Educ 10 C McGHEE PhD Assoc Prof Agr Educ

12A G MEIERING PhD Visiting Assoc Prof Agr Engin Phys Properties

7R E NELSON PhD Prof Agr Econ and Chief of Party (Uganda)

12P E NESSELROAD PhD Asst Prof Agr Econ Farm Mgt 1D W PARSONS PhD Prof Emer Agr Educ

7CONN PRICE MS Instr Agr Educ (Uganda) 1C I RHODES MS Res Asst Agr Educ

3A W SELDERS MSAgE Asst Prof and State Ext Spec Agr Engin

3L A STANTON PhD Asst Prof Agr Econ and State Ext Spec Farm Mgt

7J B SWECKER MS Adj Assoc Prof Agr Educ (Kenya) 12Mrs MARY F. TEMPLETON MS Asst Prof Agr Econ Statis

12G F. TOBEN MS Prof Agr E.con Farm Mgt

7J L WAGNER MS Asst Prof Agr Engin (Kenya)

WEST VIRGINIA-WISCONSIN

Resource Management, Division of-Continued

5F W WEBER MS Agr Econ Devlpmt

6R O WEEDFALL MSE Instr State Climatol

5V L WHETZEL MS Agr Econ Devlpmt

Editorial

11470

12JOHN LUCHOK BSJ Univ Ed 12C E BOWER BS Asst Univ Ed 12J D CAWTHON BS Assoc Univ Ed 123D R CREEL Photog

Extension Administration, Supervision, and 4-H Club Work (W Va Center for Appalachian Studies and Development)

11480

3B L COFFINDAFFER PhD Dean of Appal Ctr and Dir of Coop Ext Serv

 $3R \perp STUMP MS$ Assoc Dean of Appal Ctr and Assoc Dir of Coop Ext Serv

3EDSEL GAINER MS Dir of Ext Credit

3H M McNEILL PhD Dir Environ Devlpmt

3R W HUMPHREYS MS Dir Manpower and Labor Studies

3B B MAURER PhD Dir Personal and Fam Devlpmt

3L G WATSON MS Dir Inform and Educ Technol

3F A ZELLER PhD Dir Social and Econ Devlpmt

30 C HUTCHISON MS Area Dir (PO Beckley)

3B M JOHN MS Area Dir (PO Institute)

3J L MORRIS MS Area Dir (PO Morgantown)

3H A SHRIVER PhD Area Dir (PO Weston)

3F I TAYLOR MS Area Dir (PO Keyser)

3L E YOST PhD Area Dir (PO Parkersburg)

3J R FOWLER BS BA Prof Ldr Mgt Serv
3MILDRF:DF1ZER MS State Chmn 4-H Youth Prog and

Actg State Chmn Ext Prog for Women 3Mrs SYLVIA S BLUHM MS Prog Ldr for Women

3G H BREIDING MS State Ext Prog Ldr Outdoor Recr

3Mrs JOYCE W BOWERBS Ext Spec Press

3Mrs BETTY W BURKS MS State Ext Prog Ldr 4-H Nutr

3SHIRLEY R CAMPBELL MS Prog Ldr for Women

3H V CUTLIP MS State Ext Prog Ldr 4-H and Camp Dir State 4-H Camp (PO Weston)

3J L FASCHING MS Ext Spec Press

3R C FRANKLIN PhD Prof Educ and Social and State Prog Ldr Community Ldrshp Devlpmt

3D R GODFREY BS Ext Spec Radio and TV

3Mrs BETTY A GUILL MS Ext Spec Proj Devlpmt and Trng

3AUDREY G GUTHRIE MS State Ext Spec Consum Educ and Home Mgt

3Mrs MARILYN JARVIS-ECKERT MD State Ext Prog Ldr Nutr Educ

3J M JOHNS BS Ext Spec Radio and TV

3REITA J MARKS MS State Ext Prog Ldr 4-H Youth Prog

3WINTHROP MERRIAM Jr MS State Ext Prog Ldr 4-H Youth Prog

3E W MILLER MS State Ext Spec Resource Devlpmt

3F G MULLENAX MS State Ext Spec Learning Resources 3G S MYERS MS State Ext Prog L.dr Resource Devlpmt

3J A SHULTZ PhD State Ext Spec Child Devlpmt and

Human Relat

3GLENN SNYDER Jr MS State Ext Prog Ldr 4-H and Youth Prog

3Mrs CLARA M WENDTMS State Ext Spec Consum Educ and Home Mat

Sociology (Col of Arts and Sci)

11520

12L M SIZER PhD Assoc Prof Rural Sociol

11530

12STANLEY WEARDEN PhD Statis 12D F BUTCHER PhD Asst Prof and Statis
12E C TOWNSEND PhD Assoc Prof and Statis

11550

Ohio Valley Substa (PO Pt Pleasant)

2C E HICKMAN MS Asst Prof and Asst Hort in Chg 2RONALD WOLFE MS Asst Agron Tobacco

Reedsville Expt Farm (PO Arthurdale)

2L P STEVENS MS Asst Prof and Asst Hort in Cha Reymann Memorial Farms (PO Wardensville)

Substations—Continued

2C J CUNNINGHAM BS Assoc Prof and Anim Husb in Cha

2J O HEISHMAN DVM Assoc Prof and Assoc Anim Path University Expt Farm (PO Kearneysville)

2J G BARRAT PhD Prof and Plant Path in Chg

2EDWIN GOULD BS Assoc Prof and Ent Ins Pests

5E O HAMSTEAD MS Ent Ins Pests 2R S YOUNG PhD Asst Prof and Res Fruit Spec

6V J VALLIMS Agr Meteorol

WISCONSIN

The College of Agricultural and Life Sciences and the Agricultural Experiment Station of the University of Wisconsin, Madison 53706 (Main tel 608-262-1234)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

9A-TR, M-S Program

11560

1J C WEAVER Pres of Univ (608-262-2321)

12G S POUND PhD Dean of Col of Agr and Life Sci Dir of Sta (608-262-1251)

12R W HOUGAS PhD Assoc Dean of Col of Agr and Life Sci Assoc Dir of Sta and Prof (608-262-3994)

12R W BRAY PhD Assoc Dean of Col of Agreand Life Sci Assoc Dir of Sta and Prof (608-262-1254)

123R L HUGHES BS Assoc Dean - Admin and Prof (608 -262-1255)

16 W SLEDGE EdD Assoc Deam of Col of Agrand Life Sci and Prof (608-262-1322)

1239S C SMITH PhD Assoc Dean of Sch of Natural Resources and Prof (608-262-6968)

1W H MARSHALL EDD Assoc Dean of Sch of Fam Res and Consum Sci and Prof (608-262-2608)

13M E WHITE PhD Dir of Farm and Industry Short Course (608-262-2270)

1E E HEIZER PhD Assoc Dir Internatl Agr Prog (608-262-3673)

Agronomy

11570

123D C SMITH PhD Prof and Head of Dept (608-262-1390)

12R H ANDREW PhD Prof Sweet Com Brdg
12Z M ARAWINKO MS Asst Prof Fdn Seed Prod

12E T BINGHAM PhD Asst Prof Alfalfa Brdg

13E A BRICKBAUER MS Prof Ext Crops Spec

13R E DOERSCH PhD Assoc Prof Ext Weed Control

12P N DROLSOM PhD Prof Grass Brdg

12R A FORSBERG PhD Assoc Prof Cereal Brdg

12E T GRITTON PhD Asst Prof Pea Brdg

12R G HARVEY PhD Asst Prof Weed Control

12REUBEN JAMES BS Asst Prof Fdn Seed Prod

12J H LONNQUIST PhD Prof Corn Brdg
13E S OPLINGER PhD Asst Prof Ext Crops Spec

15YESHAJAHU POMERANZ PhD Prof Cereal Chem 13D A ROHWEDER PhD Prof Ext Forage Spec

12J M SCHOLL PhD Prof Pasture Res

12L F SCHRADER PhD Asst Prof Crop Physiol

12H L SHANDS PhD Prof Cereal Brdg 12DALE SMITH PhD Prof Forage Physiol

125R R SMITH PhD Asst Prof Clover Brdg

12J M SUND MS Assoc Prof Pasture Res

12J H TORRIE PhD Prof Statis

Bacteriology

11580

12J B WILSON PhD Prof and Chmn of Dept (608-262-3051)

120 N ALLEN PhD Prof

12D T BERMAN DVM PhD Prof

12W J BRILL PhD Assoc Prof

12D O CLIVER PhD Assoc Prof

12R H DEIBEL PhD Prof

12C L DUNCAN PhD Asst Prof

12J C ENSIGN PhD Ass∞c Prof

12E M FOSTER PhD Prof

12J M GOEPFERT PhD Asst Prof

12H O HALVORSON PhD Prof

11580-11650 WISCONSIN

Bacteriology-Continued

12R P HANSON PhD Prof 12R S HANSON PhD Assoc Prof

12R D HINSDILL PhD Assoc Prof

12EH MARTH PhD Ass∞ Prof

12ELIZABETH F McCOY PhD Prof

12J L PATE PhD Asst Prof

12K B RAPER PhD Prof

12W B SARLES PhD Prof

12H SUGIYAMA PhD Prof

12P W WILSON PhD Prof

Biochemistry

12H F DELUCA PhD Prof and Chmn of Dept Metab (608-262-3026)

12JULIUS ADLER PhD Prof Molec Genet

12LAURENS ANDERSON PhD Prof Carbohydrates

12C A BAUMANN PhD Prof Anim Nutr

12HELMUT BEINFRT PhD Prof Enzymol

12R M BOCK PhD Prof Phys Biochem

12R H BURRIS PhD DSc Prof Plant Biochem. 12W W CLELAND PhD Prof Enzyme Kinetics

12J E DAVIES PhD Prof Molec Genet

12J C GARVER PhD Prof Biochem Engin 12A E HARPER PhD Prof Nutr

12W G HOEKSTRA PhD Prof Nutr

12R B INMAN PhD Assoc Prof Molec Biophys

12M J JOHNSON PhD Prof Microbial Biochem

12P J KAESBERG PhD Prof Molec Biophys

12H A LARDY PhD Prof Intermed Metab

12K P LINK PhD Prof Anticoagulants

12W H ORME-JOHNSON PhD Asst Prof Phys Biochem

12S T RAO PhD Asst Prof X-Ray Crystallog

12W S REZNIKOFF PhD Asst Prof Biochem Genet

12RH ROWND PhD Assoc Prof Genet of Microorgs 12R R RUECKERT PhD Assoc Prof Virol

12H K SCHNOES PhD Assoc Prof Nat Prod

12M A STAHMANN PhD Prof Plant Biochem

12F M STRONG PhD DSc Prof Nat Prod

12MUTTAIYA SUNDARALINGAM PhD Prof X-Ray Crystalloa

12J W SUTTIE PnD Prof Fluorine Toxicosis

12R D WELLS PhD Assoc Prof Nucleic Acids

Dairy Science

11610

11590

123R P NIEDERMEIER PhD Prof and Chmn of Dept Nutr (608-262-2407)

2A L BRIESKE MS Spec Brdg
23A N BRINGE PhD Assoc Prof Physiol and Ext Spec

23J W CROWLEY PhD Prof and Ext Spec 13D P DICKSON PhD Asst Prof and Ext Spec

2P R FRITSCHEL BS Spec

2A R HARDIE BS Spec
1E E HEIZER PhD Prof
23W T HOWARD PhD Asst Prof and Ext Spec

12E L JENSEN PnD Asst Prof Brdg

12N A JORGENSEN PhD Assoc Prot Nutr

2R D LAN TE MS Spec Nutr

123H J LARGEN PhD Assoc Prof Nutr

3C C OLSON MS Asst Prof and Ext Spec

12R E ROFFLER PhD Asst Prof Nutr

2V E BACHBE BS Spec Brdg

12L D SATTER PhD Assoc Prof Nutr 12L H SCHULTZ PhD Prof Physiol

23A G SENDELBACH PhD Assoc Prof and Ext Spec

12G E SHOOK PhD Asst Prof Brdg

3E E STARKEY Pho Prof and Ext Spec

12W J TYLER PhD Prof Brdg (also Genet)

12D A WIECKERT PhD Prof Brdg

13H G WILSON BS Spec 123C E ZEHNER BS Asst Prof Brdg and Nutr

12W F MUELLER PhD Prof and Chmn of Dept (608-262-

13A R ALLEN LLB Assoc Prof Farm Law
12D I. BAWDEN PhD Assoc Prof Prod Econ
12D W BROMLEY PhD Asst Prof Resource Econ

12R C BUSE PhD Prof Gen Agr Econ

5R A CHRISTIANSEN PhD Collab Agr Econ

Economics (Agr)-Continued

2R J CLARK PhD Asst Prof Internatl Econ Devlpmt

IR L CLODIUS PhD Prof Agr Econ and Vice Pres

123H L COOK PhD Prof Dairy Mktg

1R H DAY PhD Prof Prod Econ

123W A LOBSON PhD Asst Prof Agr Mktg
12P P DORNER PhD Prof Internatl Econ Devlpmt

123T F GRAF PhD Prof Dairy Mktg

123F W GROVES PhD Prof Dairy Mktg

5J A GUNNELSON PhD Collab Agr Econ

123D A HARKIN PnD Assoc Prof Resource Econ

12Mrs KATHLEEN T HAYGOOD MA Instr Agr Econ

12P G HELMBERGER PhD Prof Agr Mktg

123A C JOHNSON Jr PhD Assoc Prof Agr Mktq

12DON KANEL PhD Prof Internat Econ Devlpmt
13A L LARSON PhD Prof and Dir Coop Trng Ctr
12C W LOOMER PhD Prof Resource Econ

123W B LORD PhD Prof Resource Econ

12M P MIRACLE PhD Assoc Prof Gen Agr Econ 12K H PARSONS PhD Prof Internat Econ Devlpmt

123R J PENN PhD Prof Resource Econ

123G A PETERSON PhD Prof Prod Econ

3G C PULVER PhD Prof Agr Econ and Pean Univ Ext

23H H REFL PhD Pro: Agr Mktg 123R E RIECK PhD Prof Farm Mgt

3RW ROBINSON PhD Prof Coop Trng Ctr

123W E SAUPE PhD Assoc Prof Prod Fcon

12M A SCHAARS PhD Prof Agr Mktg
123J R SCHMIDT PhD Prof Prod Econ

23J A SCHOENEMANN PhD Prof Veg Mktq 123S C SMITH PhD Prof and Assoc Dean Sch of Natural

Resources 12S D STANIFORTH PhD Prof Prod Econ

12J D STRASMA PhD Assoc Prof Internatl Econ Devipmt

23R H VILSTRUP PhD Prof Livestock Mktg

23R N WEIGLE PhD Prof Farm Mgt
3H S WHITNEY PhD Prof Coop Trng Ctr

23D A YANGGEN MS Assoc Prof Resource Econ

Education (Agr and Ext)

123W T BJORAKER PhD Prof and Chmn of Dept (608-262-1361)

13 I W APPS PhD Prof

1AARON BOHROD Artist in Residence 12P G BOYLE PnD Prot

1G L CARTER PhD Prof

R C CLARK PhD Prof 12MOHAMMAD DOUGLAH PhD Assoc Prof

13J A DUNCAN PhD Prof

3R E GARD MS Prof

1B W KREITLOW PhD Prof

1G W SLEDGE EdD Prof

13SARA M STEELE PhD Assoc Prof 1J F THOMPSON PnD Ass∞ Prof

Engineering (Agr)

11640

123F H BULLOW PhD Prof and Chmn of Dept (608-262-3310)

5C R AMERMAN PhD Asst Prof Soil and Water

3G U BARQUEST PhD Assoc Prof 4-H Mech 12G P BARRINGTON MS Assoc Prof Power and Mach

4C L BARTH MS Spec Structures
3O I BERGE MS Prof Power and Mach

3 [J BREVIK MS Prof Structures

3L A BROOKS MS Assoc Prof Elec Power and Proc

12H D BRUHN MS Prof Power and Mach

3E G BRUNS MS Assoc Prof Structures

12G D BUBENZER PhD Asst Prof Soil and Water
12J C CONVERSE PnD Asst Prof Farm Waste Mgt

12C O CRAMER PhD Assoc Prof Structures

5B F DETROY MS Collab 12M F FINNER MS Assoc Prof Power and Mach 3D V JENSEN MS Spec Farm Safety

3L R MASSIE MS Instr Soil and Water Conserv

12D J STITH M Arch Assoc Prof Structures

12S A WITZEL MS Prof Structures

Entomology

12GR DEFOLIART PhD Prof Ent and Comm of Dept (608-262-3227)

11650-11730 WISCONSIN

Entomology-Continued

123J W APPLE PhD Prof Econ Ent

12S D BECK PhD Prof Physiol

124D M BENJAMIN PhD Prof Forest Ins

12G M BOUSH PhD Prof Econ Ent and Microbiol

125W E BURKHOLDER PhD Assoc Prof Stored Prod Ins

12RK CHAPMAN PhD Prof Ins Trans Plant Dis

12H C COPPEL PhD Prof Bio Control

12R J DICKE PhD Prof Ent

13E H FISHER PhD Prof Ext

13W L GOJMERAC PhD Assoc Prof Ext

12W L HILSENmOFF PhD Assoc Prof Aquatic Ent

115 FACKSON MS Instr 130 F KUVAL PhD Assoc Prof Ext

134J L LIBBY PhD Assoc Prof Ext

12F P LICHTENSTEIN PhD Prof Toxicol
12F UMIO MATSUMURA PhD Assoc Prof Toxicol

12J T MEDLER PhD Prof Ecol

125F E MOELLER PhD Assoc Prof Apic

12D M NORRIS PhD Prof Microbiol

12R D SHENEFELT PhD Prof Taxon

Family Resources and Consumer Sciences, School Of 11660

123W H MARSHALL EdD Prof and Assoc Dean and Dir (608-262-2608)

1HELEN M CRAMER MA Asst Prof and Asst to Assoc Dean 1 Mrs CHARLOTTE M FINLEY MS Asst Prof and Asst to Assoc Dean

HOME ECONOMICS EDUCATION AND EXTENSION

12FLIZABETH A MONTS PhD Assoc Prof Educ (Also Sch of Educ) and Chmn of Dept (608-262-2660)

100NNA L COWAN MS Lect

123NELLIE H McCANNON MS Prof Jour

3BERNADINE H PETERSON PhD Assoc Prof Ext

13MARLYS R RICHERT PhD Prof Ext

123SARA M STEELE PhD Assoc Prof Ext

HOME MANAGEMENT AND FAMILY LIVING

12HFLEN C DAWE PhD Prof Child Devlpmt

1Mrs KATHRYN R BEACH MS Prof Fam Relat

3 JANE C BUCHHOLTZ MS Lect

3PEVERLY J HENDERSON MS - Asst Prof and Ext Spec Cens Econ

12FRANK H HOOPER PhD Assoc Prof Child Devlpmt 3MARION W LONGBOTHAM MS Assoc Prof and Ext Spec Housina

3Mrs MARGARET R NELSON PhD Asst Prof and Ext Spec Cons and Fam Econ

12Mrs JANE A PILIAVIN PhD Assoc Prof Child Devlpmt 12 JOSEPHINE H STAAB PhD Prof Fam Econ

3Mrs ROOFMARY TISTABE MS | Asst Prof and Ext Spec in Cons Mktg

Mr. AUFFLIA STRUPP MG | Asst Prof Child Devlpmt 1001 H C WILLIGTON MS | Lect Child Devlpmt

13LOUISE A YOUNG MA Prof and Ext Spec in Fam Econ

RELATED ART

1AGATHA A NORTON MS Prof and Chmn of Dept (608-262-2652)

1Mrs RUTH F DAVIS MS Prof

3JANE GRAFF MA Assoc Prof and Ext Spec Home Furn

1PABETTE S HANISH MA Asst Prof 1Mrs RUTH K HARRIS MS Prog Asst

IMrs CAROLINE H KITELINGER MS Lect IROGER M KRAMER MS Asst Prof IPATRICIA K MANSPELLE MS Instr

12Mrs MATHILDA E SCHWALBACH MS Prof

1TOM WITT MS Asst Prof

TEXTILES AND CLOTHING

1EMMA M JOPDRE MS Prof and Chmin of Dept (608-262-2601)

1FLEANOR & COSGROVE MS Lect 12MARGARET M COOPER PhD Prof

3HUTH MIDIFIZIMS Asst Prof and Ext Spec Text and Cloth

31.ENOPE L. LANCRY MS. Assoc Prof. and Ext Spec. Text and Cloth

1Mrs HAZEL B PASCHALL MA Prof

Family Resources and Consumer Sciences, School of-Continued

1FERN H RENNEBOHM MS Ass∞ Prof IMARY E ROACH PhD Prof

Food Research Institute

11662

12F M FOSTER PhD Dir Inst and Prof Food Microbiol (£08-262-4565)

12M S BEHGDOLL PhD Prof Biochem

12F S CHU PhD Asst Prof Brochem

12D O CLIVER PhD Assoc Prof Viro!

12G M DACK MD PhD Prof Food-Borne Dis (PT)

12R H DEIBEL PhD Prof Food Microbiol
12C L DUNCAN PhD Asst Prof Food Microbiol

12J M. GOEPFERT PhD. Asst Prof Bact

12E F. MARTH PhD Assoc Prof Food Microbiol

12HIROCHE NUGLYAMA PhF Prof Food Microbiol and

Food Science

11664

12H E CALBERT PhD Prof and Chmn of Dept (608-262-3046)

12C H AMUNDSON PhD Prof

1M S BL'RGDOLL FhD Pref

13F L BRADLEY It PhD Assoc Prof

12A L BRANEN PhD Asst Prof

13M P DEAN MS Prof

12BEATRICE DONALDSON PhD Prof

3CHARLOTTE M DUNN MS Assoc Prof

120 R FENNEMA PhD Prof

1Mrs NATHOLYN D HARRIS PhD Lect

13CE JOHNSON PhD Asst Prof

12R C LINDSAY PhD Assoc Prof

12D B LUND PhD Asst Prof

1Mrs MARY J MAHAFFEY MS Lect

12E H MARTH PhD Assoc Prof 12MARY E MATTHEWS PhD Asst Prof

3Mrs MARY E MENNES MS Assoc Prof

12N F CLSON PhD Prof

12T RICHARDSON PhD Prof

13D A STUIBER PhD Asst Prof

12A M SWANSON PhD Prof 23 J von ELBE PhD Assoc Prof

1MR WAHL BS Asst Prof

12K G WECKEL PhD Prof 12W C WINDER PhD Prof

11680 Genetics

1JF CROWPhD Prof Genet and Chmn of Depts Genet and Med Genet Pop Genet Statis (608-262-3112)

1JULIUS ADLER PhD Prof Genet Microbiol Genet

12L E CASIDA PhD Prof Genet

12A B CHAPMAN PhD Prof Genet Genet Anim Brdg 1G R CRAVEN PhD Asst Prof Molecular Genet

1A S FOX PhD Prof Genet Zool

12H W HOUGAS PhD Prof Genet and Assoc Dean and Dir Agr Exp Sta Genet Plant Brdg

1J L KERMICLE PhD Asst Prof Plant Genet
1K D FUNKRES PhD Asst Prof Molecular Genet

1MASAYASU NOMURA PhD Prof Microbiol Genet

120 E.NELSON PhD Prof Genet Plant Brda

12S J PELOQUIN PhD Prof Genet Genet Plant Brdg
1R M SHACKELFORD PhD Prof Genet Genet Immunol Physiol of Reprod

10LIVER SMITHIES PhD Prof Genet (Also Med Genet) Pop Genet

12W H STONE PhD Prof Genet Immunogenet Immunoreprod IMILLARD SUSMAN PhD Assoc Prof Genet Genet of

Microorganisms

25W J TYLER PhD Prof Genet Anim Brdg

Horticulture

123W H GABFILMAN PhD Prof Veg Crops and Chmn of Dept (608-262-1490)

12G E FFCK PhD Prof Hort Flor

23L M BERNINGER PhD Assoc Prof Hort Flor

23L K BINNING PhE Asst Prof Hort Pesticide

12F A BLISS PhD Asst Prof Hort Crops Brdg 230 B COMBO MS Prof Veg Crops

Horticulture-Continued

23DAVID CURWEN PhD Assoc Prof Veg Crops (PO Handeck)

12M N DANA PhD Prof Hort Pomol

23F A GILBERT PhD Prof Hort Pomol (PO Sturgeon Bay)

12T C HALL PhD Assoc Prof Hort Plant Physiol

123Ē

23E THALTYICK PhD Assoc Prof Hort Veg Crops 13E = 1433F1 KUS PhD Assoc Prof Hort Woody Ornam (Aiso Dandse Arch)

12L G HOLM PhD Prof Hort Physiol
12H 7 HCM AA PhI Froi Hort and Assoc Dean of Coloc: Agr and Assoc Dir of Sta (Also Genet)

233 MIC TO FROM MS Pro: Host Pemol 23R C NEWWYN PhD Asst Prof of Hort

25W B OGDEN MS Assoc Prof Hort and Collab

128 J P. L. C.C. M. Call Frot Hort Vea Grops Brdg (Also Genet)

25C E PETERSON PhD Prof Hort and Collab

12L A PETERSON PhD Assoc Prof Hort (Alse Soils)

25P R ROWE PhD Assoc Prof Veg Crops Brdg and Collab

23) A SCHOENEMANN Ph. Prof Hort Veg Crops (Also Agr Elcon)

12B E STHUCKMEYER PhD Prof Hort Morphol 12C W TIPHITTO PhD Assoc Prof Hort Veg Crops 2GAVIN G WEIS MS Asst Prof Hort (PO Hamcock)

Journalism (Agr)

11740

13L R BOSTIAN Pad Prof and Chmn of Dept and Ext Fic) Ldr (608-262-1464)

13F A ALBERT RS Prof Motion Pictures 14M R BROWN PhD Assoc Prof

13CLARON BURNETT PhD Prof Vis Aids
1H H FELSTFHAUSEN PhD Assoc Prof Res

13] HFT TT PhD Lect

14B F KEARL PhD Prof

3H D KING MS Asst Prof Pubs 123E H KLEE MS Asst Prof Illus

123NELLIE E McCANNON MS Prof Home Econ

3L P MEILLI R MS - Spl Radio **1234**B I POMERS Dr. - Prof

123J F ROSS PhD Prof

3NA FMA L SIMPSON MS Spl Radio

123D D SORENSON MS Asst Prof Res Rpts 1G C WHITING PhD Asst Prof

Meat and Animal Science

11750

12A L POPE Phi - Prof Anim. Nutr and Sheep Sci and Chmn of Dept (608-262-2714)

12C M ANDERS BS Spec Beef Cattle

13R J ANTONIEWICZ MS Spec Horses
12N J BENEVENGA PhD Ass∞ Prof Nutr Biochem

12R W BRAY PhD Prof Meat Sci and Assoc Dean Col of Agr

12E J BRISKEY PhD Prof Meat Sci

12V H BRUNGARDT PhD Assoc Prof Meat Sci Anim Nutr Beef Cattle

12P G CASSENS PhD Assoc Prof Meat Sci

3L L FELTS PhD Assoc Prof Anim Brdg

12N L FIRST PhD Prof Physiol of Reprod and Brdg Swine

3F J GIESLER MS Prof Swine Spec

123R H GPUMMER FhD Prof Anim Nutr Swine

12B H GUNDERSON Spec Swine

123E R HAUSER PhD Prof Physiol of Reprod and Brdg Beef Cuttle

12E H HOCH BS Spec Beef Cattle

123R G KAUFFMAN PhD Prof Meat Sci

13Q F KOLB MS Ass∞ Prof Meat Sci

2R M SHACKELFORD PhD Prof Fur Bearing Anim Genet and Physiol of Reprod

13R J VATTEAUER PED Asst Prof Meat Sci Livestock

123R H VILSTRUP PhD Prof Mktg Chmn Mktg and Util

Natural Resources, School of

ADMINISTRATION

1239S C SMITH PhD Prof and Assoc Dean of Nat Resources (608-262-6968)

Natural Resources, School of-Continued

CENTER FOR RESOURCE POLICY STUDIES AND PRO-GRAMS

123W B LORD PhD Prof and Dir of Center

13H C JORDAHL Jr MF MPA Assoc Prof and Co Dir

12L G ARVANITIS PhD Assoc Prof

12D A BROMLEY PhD Asst Prof

F A CLARENBACH PnD Prof

2D R CURREY MS Asst Prof 1.1 L FI INN PhD Asst Prof

I K FOX MS Prof

23D A HARKIN PhD Assoc Prof

2R W HEINS PhD Assoc Prof R A KING PhD Asst Prof

12C W LOOMER PhD Prof

2J B MacDONALD LLB Prof

12R A McCABE PhD Prof 5D D MOYER MS Collab

23R J PENN PhD Prof 12G R STAIRS PhD Prof

D A STEPHENSON PhD Prof

12W K WARNER PhD Assoc Prof

23D A YANGGEN LLB MS Assoc Prof

ENVIRONMENTAL AWARENESS CENTER

12P H LEWIS Jr MLA Prof and Dir of Center R P. HARTMAN MS Asst Prof

11 F KIENITZ MS Prof

ALLEN MILLER BS Lect DARREL MORRISON MSLA Asst Prof

13B H MURRAY MLA Ass∞ Prof

B J NIFMANN Jr MSLA Assoc Prof

M A SHARKAWY MA Lect

KENNETH STRUCKMEYER BS Lect

1W H TISHLER MSLA Assoc Prof

DENIS WILKINSON MLA Assoc Prof

3G A ZIEGLERBS Asst Prof

FORESTRY

123 G R STAIRS PhD Prof and Head of Dept (608-262-1780)

12L G ARVANITIS PhD Ass∞ Prof For Biom

12D M BENJAMIN PhD Prof For Ent

12J G BERBEE PHD Assoc Prof For Path 12J R BOYLE PhD Asst Prof For Soils

12J D BRODIE PhD Asst Prof For Econ

17 % BROWLEY PhE Asst Prof For Fcon 12H C COPPEL PhD Prof For Ent

13G R CUNNINGHAM PhD Assoc Prof For Mgt and Econ 12A R EK PhD Asst Prof For Brom

13J P GILLIGAN PhD Prof For Rec

12D A HARKIN PhD Assoc Prof For Econ

12T T KOZLOWSKI PhD Prof For Silvic 12h J KUBLER PhD Assoc Prof Wood Technol

12J F KUNT7 PhD Prof For Path

12D T LESTER PhD Assoc Prof For Tree Impr 123W B LORD PhD Prof For Econ

120 L L OUCKS PhD | Prof For Ecol 12J N McGOVERN PhD | Prof Wood Finer Util

12D M NORRIS PhD Prof For Ent 12R F PATTON PhD Prof For Path

13T A PETERSON PhD Assoc Prof For Mgt and Silvies 12R DISHENEFELT PhD Prof For Ent

12E B SMALLEY PhD Assoc Prof For Path

LANDSCAPE ARCHITECTURE

12P H LEWIS Jr MLA Prof and Chmn of Dept (608-262-2677)

R R HARTMAN MS Asst Prof

12E R HASSELKUS PhD Asst Prof

IJF KIENITZMS Prof

ALLEN MILLER BS Lect

DARREL MORRISON MSLA Asst Prof

13BH MURRAY Jr MSLA Assoc Prof 12B I NILMANN Jr MSLA Assoc Prof

M A SHARKAWY MA Lect

DJSTITH MA Assoc Prof

KENNETH STRUCKMEYER BS Lect

1W H TISHLER MSLA Asst Prof

DENIS WILKINSON MLA Assoc Prof

11760-11800 WISCONSIN

Natural Resources, School of-Continued

3G A ZIEGLER BS Asst Prof

RECREATION AND PARK MANAGEMENT PROGRAMS EXECUTIVE COMMITTEE

13J P GILLIGAN PhD Chmn Exec Committee and Prof (608-262-6968)

123E R HASSELKUS PhD Assoc Prof

H C HUTCHINS PhD Prof

13H C JORDAHL Jr MF MPA Assoc Prof

1 F. LENGFELD MA Leet

12P HIEWIS Jr PhD Prof

12R A McCABE PhD Prof

12C A SCHOENFELD MS Prof 12G R STAIRS PhD Prof

123 D STANIFORTH PhD Prof

J % THOMSON PhD Prof

ENVIRONMENTAL TOXICOLOGY, CENTER FOR

EXECUTIVE COMMITTEE

12E F LICHTENSTEIN PhD Prof and Chmn Exec Committee (608-262-3704)

121 T FFRMAN PhD Prof

1200 ROON CHESTERS PhD Prof 121 J.H.OKEY PhD Prof

L. F HOKIN MD PhD Prof

R N MORRIS PhD Asst Prof

JOHN BANKIN MD ChB Prof

12F B SMALL FY PhD Assoc Prof

WILL!AM WHITTINGHAM PhD Prof

ENVIRONMENTAL COMMUNICATIONS AND EDUCATION STUDIES, CENTER FOR, EXECUTIVE COMMITTEE

12C A SCHOENFELD MS Chmn Exec Committee and Prof (608-262-6968)

H CHUTCHINS PhD Prof

MOPELLA PhD Prof

123J E ROSS PhD Prof

WILDLIFE ECOLOGY

12R A McCABF. PhD Prof and Chmn of Dept (608-262-2671)

23R S ELLARSON PhD Prof and Ext Wildlife Spec

12 J HICKEY PhD Prof 12L B KEITH PhD Assoc Prof

230 J RONGSTAD PhD Asst Prof and Ext Wildlife Spec

12C A SCHOENFELD MS Prof

2D O TRAINER Jr PhD Prof

12TM YUILL PhD Asst Prof

Nutritional Sciences 11765

12A E HARPER PhD Prof (also Biochem) and Head of Dept Nutr Biochem Human Nutr (608-262-2657)

12N J BENEVENGA PhD Ass∞ Prof (also Mt and Anim Sci) Nutr Biochem Anim Nutr

12C F. ELSON PhD Asst Prof Nutr Brochem

12H E GANTHER PhD Assoc Prof Nutr Biochem Anim Nutr

12ANNETTE T GORMICAN PhD Asst Prof Dietetics Human Nutr

12" G HOEKSTRA PhD Prof (also Biochem) Nutr Biochem Anım Nutr

13Mrs NANCY E JOHNSON PhD Asst Prof (also Ext) Human Nutr

12HELLEN M LINKSWILER PhD Prof Human Nutr 12Mrs DOFOTHY J PRINGLE PhD Prof Human Nutr

12E S SHFAGO MD PhD Assoc Prof Nutr Biochem Clin

12F W SWICK PhD Prof Cell Biol Nutr Biochem

Plant Pathology 11770

12ARTHUR KELMAN PhD Prof Plant Path and Chmn of Dept Bact and Dis Physiol (608-262-1436)

12P J ALLEN PhD Prof Fungal Physiol

124D C ARNY PhD Prof Dis Control Chem Host Resistance

12M P BACKUS PhD Prof Fungal Mycol
12J G BERBEE PhD Prof For Dis

12D M BOONE PhD Prof Fungal Genet

123H M DARLING PhD Prof Dis Control Nematodal

12G A de ZOETEN PhD Assoc Prof Virol

Plant Pathology-Continued

125R D DURBIN PhD Prof Dis Physiol

12R W FULTON PhD Prof Virol

12D J HAGEDORN PhD Prof Dis Resistance Fungal Virol

124E W HANSON PhD Prof Dis Resistance Fungal

125J P HELGESON PhD Assoc Prof Plant and Dis Physiol

12A C HILDEBRANDT PhD Prof Bact Ornam Dis

125J D KEMP PhD Asst Prof Biochem Dis Physiol

12J E KUNTZ PhD Prof For Dis

12D P MAXWELL PhD Asst Prof For Grass Dis and Fungus Physiol

12J E MITCHELL PhD Prof Dis Control Chem

1245J D MOORE PhD Prof Dis Control Cher Virol

12R F PATTON PhD Prof For Dis

12G S POUND PhD Prof Host Resistance Virol

12LUIS SEQUEIRA PhD Prof Bact Dis Physiol

12EB SMALLEY PhD Prof Fungal

125C D UPPER PhD Assoc Prof Brochem F., Physiol

13EK WADE MS Prof Ext

12P H WILLIAMS PhD Assoc Prof Dis Physiol Host Resistance

13G L WORF PhD Prof Ext

Poultry Science

11780

123H R BIRD PhD Prof and Chinn of Dept (608-262-1243)

23L C ARRINGTON PhD Asst Prof Ext Spec

12R W HALLER MS Asst Prof Mgt

12W H McGIBBON PhD Prof Poultry Gollet

3J L SKINNER MS Prof Ext Spec 123M L SUNDE PhD Prof Poultry Nut:

12B C WENTWORTH PhD Assoc Prof Poultry Physiol

Rural Sociology 11790

12A O HALLER PhD Prof and Comm of Dept Social Social Attitudes (608-262-1510)

14R AE BLUMBERG PhD Asst Prof IRE in Venezuela

14J W CCNVERSE PhD Asst Prof AID in Brazil

12DL FEATHERMAN PhD Asst Prof

123W L FLINN PhD Asst Prof

12G V FUGUITT PhD Prof Social States

14A E HAVENS PhD Assoc Prof Hural Coup Interaction Leadership Social Attitudes

123D G MARSHALL Ph? Prof Social Lemouruphy

1GWEN M SCHULTZ MA Asst Prof Design Cartography

1J D STANFIELD PhD | Asst Prof Surgi Seciol

123GENE F SUMMERS PhD Assoc Prof

12W K WARNER PhD Prof Rural Social Group Interaction Leadership

12E A WILKENING PhD Prof Rural Social

Soil Science 11800

123R J MUCKENHIRN PhD Prof and Chinn of Dept Land Use Mgt (608-262-2633)

25CR AMERMAN PhD Asst Prof Soil Phy: and Hydrol

3M T BEATTY PhD Prof Soil Surv Interpret
12J R BOYLE PhD Asst Prof For Soils

12GORDON CHESTERS PhD Prof Soil Organic Chem

124R B CCREY PhD Prof Soil Inorganic Chem

25CHRISTIAAN DIRKSEN PhD Asst Prof Soil Phys Chem

124L E ENGELBERT PhD Prof Soil Mat

12W R GARDNER PhD Prof Soil and Water Phys

251 M HARKIN PhD Asst Prof Lignin Chem 2R F HARRIS PhD Assoc Prof Scil Morphol

13F D HCLE PhD Prof Genesis and Soil Surv

13W J HORVATH MS Asst Prof Soil and Water Conserv 12M L JACKSON PhD Prof Soil Min and Phys Chem

12D R KEENEY PhD Assoc Prof Plant Nutr and Soil Biochem

12W R KUSSOW PhD Asst Prof Soil-Plant Relat

123G B LEE PhD Assoc Prof Genesis and Classif 123J R LOVE PhD Assoc Prof Turf Fort and Mgt 13L R MASSIE MS Instr Soil and Water Conserv

2E E MILLER PhD Prof Applied Phys Powus Media Flow

124J T MURDOCK PhD Prof Plant Nutr and Fert 3C C OLSEN MS Asst Prof Soil Testing

Soil Science-Continued

123 A E PETERSON PhD Prof Soil and Water Mgt 2L A PETERSON PhD Assoc Prof Hort Crops

23R D POWELL PnD AsstProf Soil Fert

25P A RAATS PhD Asst Prof Phys Flow Mech

123E E SCHULTE PhD Assoc Prof Soil Inorganic Chem.

2V E SUOMI PhD Prof Meteor 12J K SYERS PnD Assoc Prof Soil Chem

12C B TANNER PhD Prof Soil Phys and Micrometeor

23L M WALSH PhD Prof Fert and Mgt

Veterinary Sciences

123B C FAMEFRIAY DVM PhD Prof and Chmn of Dept Virol Viral Enteric and Respir Dis (608-262-3177)

3 J R ANI`FRSEN DVM PhD Ass Prof

121 T BERMAN DVM PnD Prof and Assoc Dean Grad Sch Immunol Antigenantibody Reaction Hypersensitiv. ty Infection and Resistance (608-262-3177)

3C A BURCHIAM Prof

120 J GINTHER DVM PhD Assoc Prof Compar Mainmal Reprod Physical

3R E HALL DVM MS Prof 12R F HANGON FhU Prof Virol Arbor Viruses Respiratory Viruses Epidemiol

12TADEUSZ KOWALCZYK DVM MS | Prof Path Clin Metabol Dis

12R F. NICHOLS DVM PhD DVSc Physiometabol Phys Gastro Enterol Pharmacol Toxicol

12CARL OLSON DVM PhD Prof Path Expt Compat Cytopath and Histopath

IW E RIBELIN DVM PhD Prof Path Toxicol Nutr and Metabol Dis

12A C TOFF PhP Prof Parasitel

2D C TRAINER PnD Assoc Pro: Eish and Wildlife Pop Dynamics Epidemiol

1J A WILL DVM PhD Asst Prof and Asst Sci Cardiovasc Res Lab Dept of Med Med Sch Comp Cardiovasc Path Physicl

12F LOUISE MIFT FRO Asst Prof Microtechnics 1T M YULDI FROM Asst Prof also Wildlife Ecol Arbovirol Pathogen Ecol Epidemiol

liscellaneous 11830

3E M PITTENGER BA BLS Libr and Assoc Prot (608-262-9990)

Experimental Farms

11840

Irlington, Ashland, Hancock, Lancaster, Lake Mills, Marshfield, Madison, Spooner, Sturgeon Bay Stas

12D R PETERSON PhD Prof and Dir (PO Madison) (608-262-0744)

123G L WRIGHT BS Prof in Chg Outlying Stas (PO Madison)

12V W MATTHIAS MS Assoc Prof in Chg Madison and Arlington Stas (PO Madison)

21 R BLOCK BS Spec (PO Marshfield)
2 J W DEPPE BS Asst Prof (PO Lake Mills)

23F A GILBERT PhD Prof (PO Sturgeon Bay)

23R F JOHANNES MS Prof (PO Marshfield)

2R L LACROIX BS Spec (PO Spooner) 2W J PAULSON MS Spec (PO Lancaster)

2D E PESCHEL Spec (PO Lancaster)
2RE RAND MS Spec (PO Hancock)

2CORYDBERG BA Asst Prof (PO Spooner)
2D A SCHLOUGH BS Spec (PO Ashland)

23GH TENPAS MS Assoc Prof (PO Ashland)

23G G WEIS MS Asst Prof (PO Hancock)

WYOMING

College of Agriculture, the Agricultural Experiment Station and the Cooperative Extension Service of the Unirersity of Wyoming, University Station PO Box 3354, aramie 82070 (Main tel 307-766-1121)

1College Staff 2Station Staff **3**Extension Staff **4**Leave of Absence **5**Coop USDA 9A-TR, M-S Program

11850

123W D CARLSON PhD Pres of Univ (307-766-4121)

1239\ WIIILSTO\ PhD Dean of Color Agr Dir of Expt Sta and Dir of Ext Serv (307-766-4133)

12L C AYRES MS Asst Prof Asst Dean of Col of Agr and Asst Dir of Expt Sta (307-766-4133)

123R F FRARY MS Act Assoc Dir of Ext (307-766-3253)
123E G HAYS BS Vice Pres for Bus and Plant Affairs and

Dep Treas (307-766-4182)

123G P ROEHRK ASSE PhD Status and Prof. of Agr. Econ.

Agricultural Economics, Division of

11860

123 ANDREW VANVIG PhD Prof and Head of Div

3D E AGEE MS Instr Ext Econ Farm Mgt

123F T CLARK MS Instr

3G F. COSTFL BS Supply Instr 12T L. I CRBS Ph.D. Acst Prof 12R L. EHRICH Ph.D. Assoc Prof

23V W HOUSE MS Asst Prof Ext Agr Resource Spec 12% G KEARL PnD Assoc Prof 12C F, OLSON PhD Assoc Prof

12J S ST CLAIR PhD Prof

12W D SCHUTZ PhD Assoc Prof

12D M STEVENS PhD Prof

Agricultural Engineering, Division of

11865

12C E BECKER PhD Prof

3D I BROSZ MS - Asst Prof Ext Irrig Engin

123k D BURMAN PaD Assoc Prof Imag Acta Head

12 K J FOFNSTROM PhD - Asst Prof Agr Engin

12% ETHEL STROM PhD - Asst Prof Agr Engin

3M A MoNAMER MS - Instr Ext Air Engin 12L OF CHOP Pul? - Asst First

Animal Science, Division of

11870

123 P O STRATTON PhD Prof and Head of Div

12M P BOTKIN PhD Prof Anim Brdg

12D DIDEANE PhD Prot Dairy Mfg

12T G DUNN PhD Assoc Prof 3K B ELLIS MA Asst Prof Ext Poultryman

3E K FAULKNER MS Asst Prof and Ext Livestock Spec Sheep and Swine

12R A FIELD PhD Prof Meats
12D C HUTTO PhD Assoc Prof Poultry

12C C KALTENBACH PhD Asst Prof Anim Phys

12C J KERCHER PhD Prof Nutr

12Mrs JOEY L KINNISON MS Instr Woo.

12J E KUNSMAN Jr PhD Asst Prof Dairy Mfg

12S A LARSEN MS Instr Wool
12G E NELMS PhD Prof Anim Brdg Beef Cattle

123 J E PEXTON BS Instr Wool

12H D RADLOFF PhD Asst Prof Dairy Husb

12R W RICE PhD Assoc Prof Anim Husb 12M L RILEY PhD Asst Prof Meats

3C O SCHOONOVER PhD Prof Meats Ext Livestock Spec Beef

12T R VARNELL PhD Assoc Prof Anim Physiol

Biochemistry, Division of

11880

12R J McCOLLOCH PhD Prof and Head of Div 12YET-OY CHANG PhD Prof Nutr

12Mrs MARGARET H CORBRIDGE BS Instr

12W W ELLIS PhD Prof

12M K ELSON PhD Asst Prof

12J W HAMILTON PhD Prof

12TH JI PhD Asst Prof

12I I KAISER PhD Asst Prof 12V A McMAHON PhD Assoc Prof

12WAYNE MELANDER PhD Asst Prof

12G J MILLER PhD Prof

11885

Communications Services, Division of 3V E SHELTON MS Head of Off 3Mrs MARY S HARRIS MS Pubs Ed 3H D POWNALL BS Ext Vis Aids Spec

Extension Administration

11890

3A D ASHMENT MS Asst Prof County Agt Ldr 3E JOYCE CROFT MS Instr Assoc State 4-H Club Ldr

WYOMING 11890-11955

Extension Administration-Continued

3VELMA M McGAUGH MEd Asst Prof State Ext Ldr Home Econ

3J M NICHOLLS MS Instr State 4-H Club Ldr 3D K ROLSTON BS Instr Asst State 4-H Club Ldr

Home Economics, Division of

11900

123Mrs MARGARET S BOYD MS Assoc Prof and Head of Div

1ANNA MAE BRENNER MS Asst Prof Foods and Nutr
1Mrs GUENDOLINE BROWN MS Inst Foods and Nutr
1Mrs LINDA CLIFFORD MS Instr
3RUTH K ELLISTON MS Instr Ext Home Furn
1 JUDITH KNIGHT MS Asst Prof
1MARCELLA L MARTIN MS Asst Prof Cloth and Text
1Mrs JANET H MICKELSON MS Instr
3HELEN G MILLER MS Asst Prof Ext Home Mgt Spec
3MARTHA J ULRICH MS Asst Prof Ext Cloth Spec
1LOUISE WESSWICK MS Asst Prof Home Mgt and Child
Devlomt

Microbiology and Veterinary Medicine, Division of 11905

123J O TUCKER DVM Prof Head of Div
12J C ADAMS PhD Asst Prof
12PHYLLIS D BEAR PhD Assoc Prof Micro
12E L BELDEN PhD Asst Prof Micro
123R C BERGSTROM PhD Assoc Prof
12D R CALDWELL PhD Asst Prof
12NEWTON KINGSTON PhD Assoc Prof Parasitol
12L R MAKI PhD Prof Micro
5Mrs ELLA W NELSON Med Biol Tech (ARS)
12B L SWIFT DVM Prof
5G M THOMAS MS Microbiol (ARS)
12M S TRUEBLOOD PhD Prof Virol

Plant Science, Division of

11910

123L I PAINTER PhD Prof and Actg Head

12C F WIESEN PhD Prof Micro

CROPS

123H P ALLEY PhD Prof Weeds
12K E BOHNENBLUST PhD Asst Prof Plant Brdg
123D W FORCE PhD Asst Prof Seed Cert
12D P KNIEVEL PhD Asst Prof Crop Physiol
12B J KOLP PhD Prof Plant Brdg
12G A LEE MS Instr Weeds
12J L NELSON PhD Asst Prof Forage Crops
23W J SEAMANDS MS Asst Prof Ext Agron

ENTOMOLOGY

12R E PFADT PhD Prof in Chg
12C C BURKHARDT PhD Prof
5 J D HITCHCOCK MS Apic (ARS)
3A F GALE MS Instr Ext Pest Spec
12R J LAVIGNE PhD Assoc Prof
12F A LAWSON PhD Prof

Plant Science, Division of—Continued

12JE LLOYD PhD Asst Prof 3E WSPACKMAN MS Instr

PLANT PATHOLOGY AND HORTICULTURE

12G H BRIDGMON PhD Prof in Chg

23E B ADAMS MA Instr Ext Hort and For

124E A ANDREWS PhD Assoc Prof

12C W McANELLY PhD Prof

RANGE MANAGEMENT

12A A BEETLE PhD Prof in Cing
23T F. BEDELL PhD Assoc Prof Agr Ext and Range Mgt
12R F BECK PhD Asst Prof
5G R BROWN Range Tech

12H G FISSER PhD Prof 5R L JAIRELL For Res Tech Watershed Mgt (FS) 5K L JOHNSON PhD Hydrol

12R L LANG PhD Prof 124M L MAY PhD Prof

5D L STURGES MS Res For (FS)

5R D TABLER PhD Res For FS Proj Ldr 5J F THILENIUS PhD Range Sci Proj Ldr (FS)

5A L WARD BS Res Wildlife Biol FS Proj Ldr

SOILS

12H W HOUGH PhD Assoc Prof 5FRANK RAUZI MS Soil Sci (ARS) 12P C SINGLETON PhD Assoc Prof

Substations, Division of

11940

2L H PAULES MS Asst Prof Supvr of Substa PO Laramie 82070

Afton Substa PO Box 565 Afton 83110

2G H HOOPES BS Supt

Archer Substa PO Rte 2 Box 1374 Cheyenne 82001

2ALAN HEROLD MS Supt

Gillette Substa PO Box 893 Gillette 82716

2L R LANDERS MS Supt

Powell Substa PO Box 767 Powell 82435

2W L SMITH MS Supt

2J R PARTRIDGE MS Soils Tech

Seedskadee Substa PO Box 888 Green River 82935

2E E BUCKENDORF Supt

Sheridan Substa PO Box 879 Sheridan 82801

2L R RICHARDSON MS Supt Torrington Substa PO Torrington 82240

20 K BAYSINGER MS Supt

Riverton Soils Lab 11950

2L J LIGOCKI BS Soils Tech

Torrington Soils Lab

2D E. McKAY MS Soils Tech

INDEX OF NAMES

To locate an individual: I. In Index, find name, code numerals, and State where employed. 2. Find State listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

A

AAMOT MARY ELLEN Mrs 9620 S Dak AANDAHLAB 6410 Nebr AANDERUD W G 9570 S Dak AANES W A 1540 Colo AARON T D 2450 Ga AASE J K 6390 Mont AASHEIM T S 6190 Mont AASHEIM T S 6260 Mont ABBOTT D C 8280 Okla ABBOTT H G 5090 Mass ABBOTT H T 11310 Wash ABBOTT J L 370 Ariz ABBOTT MARY 8550 Oreg ABBOTT O J 11400 W Va ABBOTT URSULA H Mrs 918 Calif ABDELBAKI Y Z 1540 Colo ABE R K 2883 Ga ABEL G H 320 Ariz ABEL G H 900 Calif ABEL J H Jr 154C Colo ABEL M E 5520 Minn ABELL R A 5580 Minn ABERLE A J 3430 Ind ABERNATHIE J W 11030 Va ABERNATHY G H 7150 N Mex ABERNATHY MIRIAM M Mrs 9494 ABERNATHY R P 10962 Va ABLE B V 3860 Kan
ABLES E D 10145 Tex
ABMEYER E 4000 Kans ABNEY K L 3450 Ind ABPLANALF H J 918 Calif ABRAHAM KITTY G Mrs 8620 Oreg ABRAHAMRH 5465 Minn ABRAHAMRH 5560 Minn ABRAHAMSON L B 5880 Miss ABRAMS de LEON RAUL 9030 PR
ABRAMS MILTON 10620 Utah
ABREU JE 9090 PR ABRUNA FERNANDO 9070 PR ABSHER C W 4150 Ky ABSHIER G S 8360 Okla ACARON SEPULVEDA O 9090 PR ACCORD CLAIR 10390 Utah ACE DL 8770 Pa ACEDO GREGORIA Mrs 6070 Mo ACEVEDO MONTALVO R 9090 PR ACHACOSO A S 4390 La ACHEE NICHOLAS Jr 180 Ala ACIN DIAZ NILSA M Miss 8940 PR ACKER D C 9500 S Dak ACKER GERALDINE E 3350 Ill ACKERMAN C J 10850 Va ACKERMAN C W 9290 S C ACKERMAN R J 3660 Iowa ACKERSON C W 6440 Nebr ACKLEY W B 11310 Wash ACKLEY W D 370 Ariz ACORD CLAIR 10390 Utah ACOSTA FELIX 9090 PR ACOSTA MATIENZO ANGEL 9030 PR ACOSTA NAZARIO PA 9090 PR ACOSTA PHYLLIS 6660 Nev ACOSTA VILLEGAS NELIA Miss 3980 PR
ACREE TE 7310 NY
ACTON JC 9390 SC
ADAIR JB 7450 NC ADAIR JOHN 8470 Oreg

ADAIRKT 6040 Mo

ADAMSAJ 4580 La ADAMS A W 3910 Kans ADAMSAMELIAE 9494 S.C. ADAMS AURELIA K Mrs 8885 Pa ADAMS CH 6420 Nebr ADAMS DA 7450 N C ADAMS D G 9640 S Dak ADAMS D L 1364 Calif ADAMS D R ADAMS D W 5430 Mich 7960 Ohio ADAMS D W 7900 Ohlo
ADAMS DONALD 560 Ark
ADAMS E B 11910 Wyo ADAMS E P 9660 S Dak ADAMS E T 10070 Tex ADAMSEV 6890 NJ ADAMS E.W. 4010 Kan ADAMS EVA W 1880 Del ADAMS FW 8490 Oreg ADAMS FRED 30 Ala ADAMS G D 8270 Okla ADAMS G L 10250 Tex ADAMS HP 6610 Nev ADAMS J A 6400 Nebr 7300 NY ADAMS JA ADAMSJC 11905 Wyo **A**DAMS JE 10295 Tex ADAMS J L 6530 Nebr ADAMS JW 10000 Tex ADAMS LE 8810 Pa ADAMS M V 68**7**0 N J ADAMS M V 6970 N J ADAMS M W 5230 Mich ADAMS MARY L 1580 Conn ADAMS OR 1540 Colo ADAMS PHYLIG W 2500 Ga ADAMS R C 8040 Ohio ADAMS R D 3232 idana ADAMS R E 10940 Vα ADAMS R E 11440 W Vα ADAMS R F 7363 N Y ADAMS R L 3430 Ind ADAMS R P 1510 Colo ADAMSRS 8770 Pa ADAMS R S Jr 5640 Minn ADAMS THOMAS 5430 Mich ADAMS V E 2400 Ga ADAMS VERA E 1011C Tex ADAMS VETA B Mrs 6050 Mo ADAMS W A 11180 Wash ADAMS W E 2350 Ga ADAMS W V Jr 4550 La ADAMS W W 3550 Ind ADAMS W W 3330 INT ADAMSON JEFFREY 725C N Y ADCOCK J L 1540 Colo ADCOCK R E 8260 Okta ADDICCTT F T 900 Calif ADDINK I W 1410 Coro ADDIS P B 5565 Minn ADDISON EDWIN 7010 N J ADELMAN IR 5550 Minn ADKINS TR Jr 9365 S C ADKISSON P L 10090 Tex ADLER H E 1178 Calif ADLER JULIUS 11680 Wis ADLER JULIUS 1.590 Wis ADLERZ W C 2250 Fla ADRIAN P A 980 Calif ADSIT M E 2560 Ga ADSUAR MIRO JOSE 9000 PR ADZIMA ROBERT 1660 Conn

AEPLIDC 530 Ariz

AHLRICHS J L 3420 Ind AFT HARVEY 8724 Oreg AGATHANGELIDES DEMETRIOS 10540 Utah AGEE D E 11860 Wyo AGEE H R 9480 S C AGNEW T R 135 Ala AGRIOS G N 5130 Mass AGRICS GN 5130 Mass
AGRIOS GN 5130 Mass
AGUAR C E 2440 Ga
AGUIAR J L 9020 P R
AGUILLARD WILBUR 4385 La
AH H S 2560 Ga
AHARONI YAIR 4920 Md
AHLGREN C E 5570 Minn
AHLSCHWEDE W T 6420 Nebr
AHLSWEDE G A 3860 Kans
AHMAD SAMI 6010 Mo
AHMED E M 2120 Fla
AHO P E 8726 Oreg
AHO % A 1590 Conn
AHRENDES E R 6260 Mont
AHRENS D L 3710 Iowa
AHRENS J F 1780 Conn
AHRENS R A 4910 Md
AHRENS VIRGINIA D Mrs 1880 AHRING R M 8260 Object
AHRING R M 8260 Object
AGUARD AGRICANT AREN AGRICANT AGRI AHRENS R A 4910 Md

AHRENS VIRGINIA D Mrs 1880 Del

AHRING R M 8260 Okla

AICHELE M D 11320 Wash

AIKEN C R 5770 Micc AIKEN C R 5770 Miss AIKMAN J M 3670 Iowa AIKMAN MARIELLA 5352 Mich AINSLIE H R 7250 N Y AINSWORTH CAMERON 1510 Colo AINSWORTH CAMERON 1510 FAITKEN J B 2240 Fla
AITKIN M A 10990 Va
AKAMINE E K 3040 Hawaii
AKELEY R V 4770 Me
AKESSON N B 980 Calif
AKIN ANN 9830 Tenn
AKRE R D 11270 Wash
AL-ABBAS A H K 3605 Ind
ALBACH R F 10295 Tex
ALBAN E K 8020 Ohio
ALBAN E K 8180 Ohio
ALBANESE NAOMI 7490 N C
ALBERG R J 7375 N C ALBERGRJ 7375 NC ALBERT F A 11740 Wis ALBERT R A 210 Ala ALBERT T F 4960 Md ALBERT W W 3260 Ill ALBERTSON M L 1410 Colo ALBRACHT J J 3940 Kons ALBRECHT C F 5270 Mich ALBRECHT G J 7348 NY
ALBRECHT S L 10570 Utah
ALBRECHT W A 5935 Mo ALBRECHTSEN R S 10540 Utah ALBRECHISEN H S 10540 Utdn
ALBREGHTS E E 2240 Fla
ALBRIGHT J L 3430 Ind
ALBRIGO L G 2240 Fla
ALBRITTON D J 730 Ark
ALBRITTON R C 5880 Miss
ALCALA FRASQUERI DANIEL 8990 ALCALA FRASQUERIE 9090 PR ALCALA JL 9090 PR ALCORN G B 760 Calif ALCORN G B 865 Calif ALCORN S M 490 Ariz ALCOVER LUZ C 9090 ALLEN H h 1435 Colo ALDEN H R 3232

ALDER-ANDERSON

ALDER FAM MIR: 10400 Uses
ALDER FAM MIR: 104

ANDERSON-ARONOVICI

ANDERSON 12 1/20 W V3

ARONSON-BAIN

ATKINS W L 6020 Mo

ATKINSON C H 3850 Kan

ATKINSON DAISYE 3970 Kan

BABBE M 3460 Ind

BABBIDGE H D Jr 1570 Conn

ATKINSON R L 10160 Tex

BABBITT J K 8580 Oreg

BAILEY W S 20 AIa

ATKINSON S J 10390 Utah

BABBITT J K 8675 Oreg

BAILEY W S 20 AIa

ATKINSON T E 590 Ark

BABCOCK K L 860 Calif

BABCOCK K L 860 Calif

BABLEY W S 3780 lowa

ATMORE SAMUEL 8860 Pa

BABCOCK R J 7270 N Y

BABCOCK R J 7270 N Y

BABN D C 5820 Miss

BAINED ROY 500 Colin

BAIND WILL SEED THE STATE OF THE ST

BARNHART-BEATTY

BARNHART - BEATTY

BASEMANCH CE 4210 Ky
BASHMART - BEATTY - 200 No.
BASHMART - 200

BEATTY IF 480 LC
BEATTY IF 1900 Ws
BEATTY BECKEN
BEATTY BE 2000 Gs
BEATTY IF 1900 Ws
BEATTY BE 2000 Gs
BEATTY BE 2000 Gs
BEATTY IF 1900 Ws
BEATTY BE 2000 Gs

BERGESON-BLACKWELL

DEFICION G.B. 3450 Ind | BERGERON G.B. 345

BLACKWELL ROOM ## BLACKWELL BOOM ## BLACKWELL

BOONE-BRANDT

BOOKE LY 290 III
BOOKELY 290 III
BOOKELS WAR SHEET NEW
BOOKELS WAR SHEET WAR SHEET NEW
BOOKELS WAR SHEET WAR SHEET WAR SHEET NEW
BOOKELS WAR SHEET WAR

BRANCH RESIDENCE SEASON NEW BRANCH ALL 1954 W. BRANCH RESIDENCE SEASON RES BRONFENBRENNER URIE 7260 N Y BRONSON R D 3420 Ind

BROOKS-BUCK

SECONS HE 1595 Co.5

SECONS HE 1590 Co.6

SECONS HE

BUCK EM SCO Doss

BUCK O 1 3700 lowe

BUCK O 1

BUTLER-CARDENAS

BUTLER C 1990 COM

SUTTER 1 2900 FIS

CALBERT 9 1964 WS

CALBERT 1 2900 FIS

CALBERT 1

CARDENUTO IN 1890 Po
CAR UNET G H 4500 Kms
CARDENUTO IN 1890 Po
CARDENUT

CARDENUTO-CAVENDER

CAVENDER-CHRISTIANSEN

CAYENDER AH 133 All
CAYENDER AH 135 All
CAYEND

CHRISTIANSEN R A 11620 Wis CHRISTIANSEN R A 1162

COEVERING-COOLEY

COEVERING - COOLEY

COEVERING - CALAN - MASS - Mark
COEVERING - COOLERS - TO SO - NO COOLERS - TO SO - NO COOLERS - TO SO - NO COEVER - TO SO - NO

COUNTY TA 3300 IA

CREATER 1. 90% Pal

CREATER 2. 90% Pal

COMPART TA 3300 IA

CREATER 3. 90% Pal

CREATER

CRANS-CUTLER

CRANE D 1 699 N J
CRAPP S 1 699 N J
CRAPP S 1 690 N J
CRAPP S 1 690 N J
CRAPP S 1 690 N S C
CRAPP S 1 690

CUTILES HAVE LETTE SISS MACH
CUTTED HIV 1989 W/9
CALROOMED SISS Mach
DANIELS HIP 1989 W/9
DANIELS W/9 1

DAVIS-DEUTCH

DAVIS-DEUTCH

DAVIS-BUTH-1 MP 11560 Was

DEAN R H 1220 Fla

DAVIS BUTH-1 MP 11560 Was

DEAN R H 2200 Fla

DAVIS L 133 Ale

DAVIS STEPLE ALS ALE

DAVIS STE

DEUTSCH C J 3770 fow P J 5770 fow P J 5770

DONAHUE-DUM

DOMANUE PLI SEC 19th

COMMENT PLI SEC 19th

DIMAS BA 605 ATE
EMANS WT 122 Als two
DIMTATIN 55: 240 Fix
DIMMAN IN 52: 240 Fix
DIMMAN IN 52: 240 Fix
DIMMAN IN 52: 240 Fix
DIMMAN IN 53: 240 Fix
DIMMAN IN 54: 240 Fix
DIMMAN

EDWARDS-ERICKSON

ERICKSON F.C. 1909 CAIM
DEMICSSON I.C. 3909 (Alabo
ERICKSON F.C. 3909 EVANS D D 370 A112
EVANS D L 4390 La
EVANS D W 11190 Wash
EVANS E M 30 Ala
EVANS F D 9728 Tenn

FAIRLEY J E 9300 S C
FAIRLEY J L Jr 5210 Mich
FAISON CHARLOTTE J Mrs 4435 La

FARRIER-FISHER

FARRIER FISHER

FARRIER STURIET WIR. 10964 Vg

AARRIST ON 10000 Tex

FARRIER STURIET WIR. 10964 Vg

FARRIER STURIET WIR. 10966 Vg

FARRIER STURIET WIR. 109

FINER W F SIG Nets
F125E-F6 # SIG Nets
F125E-F

FOWLER-FULIMOTO

FORCER FUJINOTO

FORCER FUJINOTO

FORCER FU NO TOR TOR PROTECT TO STORY MALE TO STORY

FUKUNAGA ET 3000 Hewell
FUKUNA

SASTON-GILLINGHAM

SATTON-GILLINGHAM

SASTON-LING IN 1270 Code

CATES OF 1002 Tea

CREATER IT 1002 Tea

CREATER

GILMAN-GORBATSEVICH

GLIAMN H H 5410 Meh
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLOVER HUPY M Mrs. 3853 T II
GLIAMN P A 5855 N H
GLIAM GLASSCOCK M R 90 Ala

GLAZE F 7 185 Ala

GLAZE R 7 7 185 Ala

GLAZE R M 7160 N Mex

GLAZE R M 7160 N Mex

GLAZE R W 7370 N C

GLAZENER E W 7370 N C

GLAZIER L R 1590 Conn

GLAZIER L R 1590 Conn

GLEAVES E W 6570 Nebt

GLEAVES E W 6570 Nebt

GLEISER C A 10250 Tex

GOLDEN B A 2600 Ga

GOLDEN B A 2600 Ga

GOLDEN B B 3320 III

GLEISER C A 10250 Tex

GOLDEN B A 3600 La

GOLDEN WI 9340 S C

GLEIN J N 3640 Lowa

GLENN J C 2030 Fla

GLEIN J N 3640 Lowa

GLENN R C 5700 Miss

GLICK BRUCE 5830 Miss

GLICK BRUCE 5830 Miss

GLICK BRUCE 5830 Miss

GLICK BRUCE 5830 Miss

GLOCK M D 7250 N Y

GLOVER J W 7430 N C

GOLDEMAN J L 1430

GOODMAN A B 1540 Colo

GOODMAN A B 1440 Colo

GOODMAN A B 1410 Colo

GOODMAN A B 140 Colo

GOODMAN A B 140 Colo GOPALAKRISHNAN CHENNAT 2940 Hawa:

GORDEUK-GREENWOOD

CORDENK-GREENWOOD

CONDENK STEPHEN SHOP Po
CONDENN AS USE OF SHOP PO
C

GREENWOOD MARY N. 5020 Mo.
GRIERA A. L. 600 O. C.
GRIERA A. L. 600 O

GWIN-HAMILTON

SWIN-HAMILTON

OWEN RE 4110 Kome
GRENN R 1680 Del
GRENN R 1680 Del
HAGGINET R 4110 Wesh
HAGGI

HAMILTON W.J. 1150. Call.
BAMELT PH.D. 1000 V6
HAMILT ROBERT 8040 OR66
HAMILT

HARR-HAVENS

ARRELD AT ### 200 Ckee
ARRELD AT ### 200

MANURE PROJECTION

MANURE PROJECTION

MANURES ATTRICT 1690 Com

MANURE

HENDREN-HILL

HENDRICK | G 120 Als | ### HENDRICK | G 120

HINTON TV 9720 Team
HINTON TV 9720 Team
HOUSEN TV 9720 Man
HOUSEN TV 9720 M

HOLBERTON-HOUKES

HOLCOMB BEVERLEY J 640 Ark
HOLCOMB C J 10940 Va
HOLCOMB G E 4380 La
HOLCOMB H W 10290 Tex
HOLCOMB HOYT : C145 Tex
HOLCOMB J M 3280 Ill
HOLCOMB J W 10010 Tex HOLIK JOSEPHINE M Mrs 6000 MINE
HOLJE H C 6230 Mont
HOLLAND B K 11070 Va
HOLLAND DOROTHY A Mrs 10030
HOMME H A 7410 N C
HOMOLA R L 4680 Me
HONEA R S 570 Ark
HONEA R S 570 Ark
 HOLM L G
 11730
 Wis
 HOOVER R M
 1350
 Calif
 HOTCHKISS C W
 1370
 Colo

 HOLM L W
 1178
 Calif
 HOOVER W H
 4640
 Me
 HOTCHKISS D K
 3810
 lowa

 HOLMAN ANNE
 10600
 Utah
 HOOVER W L
 9380
 Kans
 HOTTE ELEANOR B Mrs
 1650
 Conn

 HOLMAN J P
 6490
 Nebr
 HOOVER W L
 9990
 Tex
 HOTTE ELEANOR B Mrs
 1650
 Conn

 HOLMES G KAY M Mrs
 3770
 lowa
 HOPE J H
 4592
 La
 HOTTE ELEANOR B Mrs
 1650
 Conn

 HOLMES A S
 4850
 Md
 HOPE J H
 4592
 La
 HOTTE ELEANOR B Mrs
 1650
 Conn

 HOLMES A S
 4850
 Md
 HOPE J H
 4592
 La
 HOTTE ELEANOR B Mrs
 1650
 Conn

 HOLMES A S
 4850
 Md
 HOPE J H
 4592
 La
 HOUCK J P
 520
 Minn

 HOLMES C R SHIE B Mrs
 4599
 La
 HOPKINS A R
 9 HOLMES F W 5130 Mass
HOLMES FRANK 9660 S Dak
HOLMES J E 9724 Tenn
HOLMES M R 5730 Miss

 HOLBERTON ANNE w Mrs 1830 Del
 HOLMES NANCY H Mrs 7490 N C
 HOPKINS S H 10060 Tex

 HOLAHAN URSULA A 9370 S C
 HOLMES O W Jr 8500 Oreg
 HOPKINS S R 2540 Ga

 HOLBROOK F R 4720 Maine
 HOLMES R G 7430 N C
 HOPKINS T L 3960 Kans

 HOLCOMB A H 110 Ala
 HOLMGREN A H 10410 Utah
 HOPP E I 11280 Wash

 HOLCOMB BEVERLEY J 640 Ark
 HOLMQUIST C E 9520 S Dak
 HOPP E J 10790 Vt

 HOLCOMB C J 10940 Vα
 HOLMSEN ANDREAS 9250 R I
 HOPPLB W M 9750 Tenn

 HOLCOMB G E 4380 La
 HOLOWAYCHUK NICHOLAS 7900
 HOPPIN JUDITH A 3350 III

 HOLCOMB H W 10290 Tex
 Ohio
 HCPWGOD M L 1540 Colo

 HOLCOMB J M 3280 III
 Ohio
 HOPWGOD M L 1540 Colo

 HOLCOMB J W 10010 Tex
 HOLST MARTHA I 3530 Ind
 HORN A S 3190 Idaho
 | HOLCOME J W | J0010 | Tex | HOLST MARTHA | J 3530 | Ind | HORN A S 3190 | Idaho | HOLCOMB J W | J0010 | Tex | HOLST MARTHA | J 3530 | Ind | HORN A S 3190 | Idaho | HORN C W | J0150 | Tex | HOLDEMAN LILLIAN V Mrs | J0835 | HOLT C F | 4730 | Me | HORN C W | J0150 | Tex | HOLDEMAN LILLIAN V Mrs | J0835 | HOLT CATHERINE E | 8820 | Pa | HORN FERRELL Mrs | I60 | Ala | HOLDEN T J | 9550 | S Dak | HOLT CATHERINE E | 8820 | Pa | HORN MARILYN J | G660 | Nev | HOLDER D L | J0880 | Va | HOLT D A 3420 | Ind | HORN N L | 4380 | La | HORN N C | La | 130 | Ala | HOLDER D L | J0880 | Va | HOLT H A | G60 | Ark | HORN R C | J30 | Ala | HORN R C | J30 | Ala | HOLDEMAN P E | G820 | N H | HOLT H A | G60 | Ark | HORN R S | 3950 | Kan | HOLDEM MARY E | G820 | N H | HOLT J | J000 | Fla | HORNE R D | J10 | Ala | HORNE R D | J10 | Ala | HOLDEWORTH R P Jr | 7990 | Ohio | HOLT J | J000 | Fla | HORNE R D | J10 | Ala | HORNE R D | J10 | Ala | HOLT D M | J10 | Tex | HORNE R D | J10 | Ala | HORNE R D | J10 | Ala | HOLT D M | J10 | Tex | HORNE R D | J10 | Ala | HORNE R D | J10 | Ala | HOLT D M | J10 | Tex | HORNE R D | J10 | Ala | HORNE R D | J10 | Ala | HOLT D M | J10 | Tex | HORNE R D | J10 | Ala | HORNE R D | J10 |

HORREL ELVERA C Mrs 8500 Oreg HORROCKS R D 5935 Mo HORSBURGH R L 8810 Pa

HUNTER~JACOBS

HANTER I A 4520 MB

HANTER I F 460 Le

HANTER I F 470 Me

H

JACOBS NV 790 NY

JACOBS NV 190 NV

JACOBS NV 19

JOHNSON-JONES

JOHNSON D P 8550 Oreg JOHNSON D R 5935 Mo JOHNSON D W 7790 N Dak	
JOHNSON DALLAS 6340 JOHNSON DON 2400 Ga JOHNSON DORIS Mrs 258 JOHNSON E A 590 Ark	
JOHNSON E A 918 Calif JOHNSON E A 5060 Mass JOHNSON E J 10320 Tex JCHNSON E S 1510 Colo	
JOHNSON E W 140 Ala JOHNSON ELIZABETH A 1 JOHNSON ELIZABETH C Mrs Oreg	580 Conn s 8620
JOHNSON ELIZABETH M Mrs JOHNSON EVELYN H 4210 JOHNSON EZELLE V 3530 JOHNSON F D 3232 Idaho	Кy
JOHNSON F M 7480 N C JOHNSON FAY B Mrs 4480 JOHNSON FOLKE 11320 W JOHNSON FRANCES M Mrs	ash
JOHNSON FREDDIE 4599 JOHNSON G I 6490 Nebr JOHNSON G L 5250 Mich JOHNSON G R 7910 Ohio	La
JOHNSON G R 8040 Ohio JOHNSON G R 8080 Ohio JOHNSON G V 370 Ariz JOHNSON GESTUR 1440 C	ala
JOHNSON GESTUR 1510 C JOHNSON H A 7660 N C JOHNSON H B 1295 Calif	'olo
JOHNSON H D 5960 Mo JOHNSON H E 5365 Mich JOHNSON H G 5610 Minn JOHNSON H P 3710 Iowa	
JOHNSON H S 3260 III JOHNSON H W 5470 Minn JOHNSON HUNTER Jr 1340 JOHNSON IDA B Mrs 7820 JOHNSON J A 3980 Kan	Calif N Dak
JOHNSON J A 5460 Much JOHNSON J B 11200 Wash JOHNSON J C 2620 Ga JOHNSON J D 10150 Tex	
JOHNSON J E 1375 Colo JOHNSON J E 1540 Colo JOHNSON J E 5090 Mass JOHNSON J E 7770 N Dak	
JOHNSON J L 210 Ala JOHNSON J L 3180 Idaho JCHNSON I L 2390 Ga	
JOHNSON J L 10835 Va JOHNSON J M 10880 Va JOHNSON J N 7690 N Dak JOHNSON J P 5770 Miss	
JOHNSON J R 2350 Ga JOHNSON J T 2020 Fla JOHNSON J W 7362 N Y JOHNSON J W 8724 Oreg JOHNSON J W 10295 Tex	
JOHNSON J W 10295 Tex JOHNSON JANET 1540 Col 10HNSON JOYCE Mrs 2550 JOHNSON K H 5650 Minn JOHNSON K L 11910 Wyo	o Ga
JOHNSON K W 5000 Mass JOHNSON L A 5240 Mich JOHNSON L B 4050 Kans JOHNSON L C 9640 S Dak	
JOHNSON L C 11190 Wash JOHNSON L E 5730 Miss JOHNSON L E 8040 Ohio IOHNSON L F 3130 Idaho	
JOHNSON L F 9722 Tenn JOHNSON L J 7690 N C JOHNSON L J 8740 Pa JOHNSON L R 7450 N C	
JCHNSON L R 7660 N C	

```
JOHNSON L.W. 190 Ala
JOHNSON L.W. 190 Ala
JOHNSON L.W. 190 Ala
JOHNSON L.SETER 8430 Orla
JOHNSON M. 2150 Ala
JOHNSON M. 2150 Oreg
JOHNS
```

JONES J. P. 2240 Fla
JONES J. P. 3090 Idaho
JONES J. R. 7380 M.C
JONES R. 7380 M.C JONES W H Jr 2110 Fla JONES W L 8445 Ckla JONES W W 1315 Calif JOPPA L R 7680 N Dak

KASTELIC JOSEPH 3260 III

KAY-KIEHL

KAY-KIENL

KAY-RONALD 3800 lowe
KAYLH 1000 Tex

KIM H J 950 S Dak
KIM K C 8810 Pa
KIM S ANG-NAM I 580 Conn
KIM S ANG-NAM I 580 Conn
KIM J 97 S DAN
KI

KINNISON JUETE 11070 M., KINNISON W A 470 Ariz KINSELLA J E 7250 N Y KINSMAN D M 1590 Conn

(LOPFENSTEIN-KRANTZ

CLOPPENSIEN WE STO Name
CLOPPENSIEN WE STO SEC.
CLOPPE

KRATZER D.D. 4150 Ky
KRATZER P.H. 916 Cald
KRAUCH R.C. 13520 Ind
KREITLAND A.M.C.
KREITLAND A.

| KRISTIANSSON KARIN Mrs | 10780 | Vt | KUNG E C | 5945 | Mc | KUNG

LAMBERT-LAYER

LAMBERT 1. 190 Com

LAMBER

LEWIS-LLOYN

LOADHOLT-LUDWICK

LOADHOLT-LUD

LUDWICK-MAHLSTEDE

LUDWICK TM 810 OND
LUDWICK TM 8100 OND
LUDWICK TM 8

MARIASTED J F 3760 form
MARIASTED G 053 O Die
MARIASTED J F 3760 form
MARIASTED G 053 O Die
MARIASTED G 053 O DIE
MARIASTED G 054 O DIE
MARIASTED G 053 O DIE
MARIASTED G 054 O DIE
MARIASTED G 055 O

MARTIN-MAY

MARTIN E C 5280 Mich

MAY J D 5830 Miss MAY J E 440 Ariz MAY J T 2480 Ga MAY M L 11910 Wyo MAY R G 3420 Ind MAY M L 11910 Wyo MAY R G 3420 Ind MAYER D T 5950 Mo MAYER L V 3690 Iowa MAYER MS 2090 Fla MAYES HF 6000 Mo MAYES H V 400 Ariz MAYES M. KINLEY 460 La MAYES R L 625 Ark
MAYEUX J V 1540 Colo
MAYEUX M M 4430 La
MAYFIELD CECIL 100 Ala MAYHEW W W 1295 Calif MAYLANE H F 10575 Utah MAYNARD CECIL 8320 Okla MAYNARD CECIL 8320 OKIG
MAYNARE D.N. 5120 Mass
MAYOS C 7530 N.C
WAYOL MARIA L. 9030 P.R.
MAYROSE V.B. 3430 Ind
MAYS G.C. 9850 Tenn
MAY. C.N. I.L. 200 Alt MAZELIS MENDEL 1010 Calif MAZUR MARGARET T Mrs 350 Ana MAZURAK A P 6410 Nebr McADAMS V E 3860 Kans McAEARASH J P 9690 S L'ak McCAIN A II 605 Cull McCAIN C S 40 Ala McCAIN C S 210 Ala McCAIN J A 3840 Kans

 MAY BEATRICE M
 6990
 N J
 McCANNON NELLIE R
 11740
 Wis
 McCORMICK F B
 7960
 Ohio

 MAY DORIS L
 9210
 R I
 McCANTS C B
 7540
 N C
 McCORMICK F B
 8130
 Ohio

 MAY J D
 5830
 Miss
 McCARL R L
 8900
 Pα
 McCORMICK F G
 420
 Ariz

 MAY J E
 440
 Ariz
 McCARTER S M
 2530
 Ga
 McCORMICK L H
 8840
 Pa

 MAY M I
 11010
 Miss
 McCARTER S M
 2530
 Ga
 McCORMICK L H
 8840
 Pa
 | MeCARTHY HELEN 6260 | Mont McCARTHY R D 8770 | Pa | McCARTOR M M 10295 | Tex | McCARTY C D 1340 | Calif | McCARTY I E 9810 | Tenn | McCARTY J W 9520 | S Dak | McCORMICK R F Jr 30 | Ala | McCARTY M K 6410 | Nebr | McCARTY M K 6410 | Nebr | McCARTY R E 7255 | N Y | McCARNICK W C 2620 | Ga | McCARTY R E 7255 | N Y | McCORMICK W C 2620 | Ga | McCARTY R E 7256 | N Y | McCORMICK W C 2620 | Ga | McCARTY N F 7070 | N Y | McCASKILL W R 9310 | S C | McCOY E W 90 | Ala | McCOY E W 90 | Ala | McCOY E W 90 | Ala | McCOY G A 320 | Ariz | McCASKILL W R 9310 | S C | McCOY MARY H 10930 | Va | McCASKILL W R 9310 | S C | McCOY MARY H 10930 | Va | McCAUGHEY W F 350 | Ariz | McCOY O D 1315 | Calif | McCAUGHEY W F 350 | Ariz | McCOY O D 1315 | Calif | McCAUGHEY W F 350 | Ariz | McCOY O D 1315 | Calif | McCAUGHEY W F 350 | Ariz | McCOY O D 1315 | Calif | McCAUGHEY W F 350 | Ariz | McCACKEN J D 7970 | Ohio | McCACKEN MARY L 9450 | S C | Mc McCARTHY HELEN 6260 Mont McCARTHY R D 8770 Pa McCARTNEY M G 2550 Ga McCARTOR M M 10295 Tex McCARTY C D 1340 Calif
 McAEARASH J P
 9690
 S Dak
 McCLAUGHERTI F S
 10040
 McCREADY S T
 6030
 Mo

 McAFEE T E
 10180
 Tex
 McCLAY D R
 8790
 Pa
 McCREARY EVA J
 1880
 Del

 McALEXANDER R H
 8780
 Pa
 McCLEARY G T
 5560
 Minn
 McCREARY T W
 370
 Ariz

 McALEXANDER R H
 8780
 Pa
 McCLEARY G T
 5560
 Minn
 McCREARY T W
 370
 Ariz

 McALEXANDER R H
 8780
 Pa
 McCLEARY G T
 5560
 Minn
 McCREARY T W
 370
 Ariz

 McALEXANDER R H
 8780
 Pa
 McCLEAVE M P
 7650
 N C
 McCREARY T W
 370
 Ariz

 McALEXANDER R H
 8780
 Pa
 McCLEAVE M P
 7650
 N C
 McCREARY T W
 370
 Ariz

 McALISTER D F
 310
 Ariz
 McCLELLAN J F
 1550
 Colo
 McCREGRY R A
 2350
 Ga

 McALISTER D F
 10540
 Utah
 McCLELLAND J B
 3700

 McALISTER R H
 2480
 Gd
 McCLENDON BESSIE R Mrs
 2300
 Fla
 McCROSKEY J E
 8270
 Okid

 McALLISTER W T
 1830
 Del
 McCLONG W W
 3225
 Ohio
 McCRUM R C
 4680
 Mc

 McARLISTER W T
 1830
 Del
 McCLOUD D E
 2020
 Fla
 McCULING W F
 6100
 Mc

 McARLISTER W T
 1830
 Del
 McCLOUD D E
 2020
 Fla
 McCULING W F
 6100
 Mc

 McARLISTER W T
 1830
 Del
 McCLURE M R
 11400
 W Va
 McCULLOCH W F
 6100
 Mc

 McARTHUR W C
 2390
 N C
 McCLURE K E
 7910
 Ohio
 McCULLOUGH DOROTHEA G Mrs
 7840
 N Dak

 McARTHUR J A B
 8720
 Oreg
 McCLURE K E
 8080
 Ohio
 McCULLOUGH DOROTHEA G Mrs
 7840
 N Dak
 McCULLOUGH M E
 2730
 Ga

 McARTHUR W C
 2390
 Ga
 McCLURE W A
 490
 Ariz
 McCULLOUGH M B
 5430
 Mich
 McCULLY MG
 McCAIN C S 40 Ala
 McCOMBS C L 7500 N C
 McDANIEL I N 4/20 Me

 McCAIN C S 210 Ala
 McCOMS C L 7500 N C
 McDANIEL J S 3860 III

 McCAIN J A 3840 Kans
 McCONE W C 9520 S Dak
 McDANIEL M C 670 Ark

 McCALE B J E 2240 Fla
 McCONKIE G W 7250 N Y
 McDANIEL M E 10180 Tex

 McCALL MARY 3380 Okla
 McCONNELL J C 9290 S C
 McDANIEL N R 18% Ala

 McCALL MARY 3380 Okla
 McCONNELL J L 5880 Miss
 McDANIEL R G 570 Ark

 McCALL W W 2910 Hawan
 McCONNELL J W 6700 N H
 McDANIEL R G 320 Ariz

 McCALL A F 760 Calif
 McCONNELL PEGGY A 5170 Mass
 McDANIEL W E 1790 Del

 McCALLA A F 870 Calif
 McCONNELL STEWART 10230 Tex
 McDANIEL W E 1790 Del

 McCALLA T M 6410 Nebr
 McCONNEN R J 6230 Mont
 McDERMID T 8/20 Oreq

 McCALLA T M 6410 Nebr
 McCORD IVALEE Mrs 3990 Kans
 McDONALD C E 7760 N Dak

 McCANN J A 5090 Mass
 McCORMICK ANITA 7935 Ohio
 McDONALD H 490 Ariz

 McCANN J A 5090 Mass
 McCORMICK ANITA 8010 Ohio
 McDONALD I E 9450 S C

McCORMICK J A 0050 Nev McCORMICK L H 8840 Pa McCORMICK L L 4350 La McCORMICK NAURINE R Mrs 7935 McDANIEL GR 190 Ald McDANIEL I N 4720 Me McDANIEL J C 3360 Ill McDANIEL J S 1850 Del McDANIEL M C 670 Ark McDANIEL M E 10180 Tex McDONALDHH 490 Ariz McDONALDHJ 7770 N.Dak. McDONALDHE 9450 SC

McDONALD-McQUESTEN

McDONALD 17 1990 Cove

COMPAND LT 2990 GO

McDONALD 17 1990 GO

McDONALD 18 1990 GO

MCDONALD

MCOURGE TO 595 MV
MCOURSE TO 490 Lo
MCHAPTER CO 595 Mc
MCHAPTER CO 595

MICHAELSON-MINOCHA

MICHAFISON F.L. 3110 Idaho
MICHAELSON E L 3110 Idaho MICHALSON E L 11230 Wash
MICHAUD H H 3520 Ind
MICHAUDITH 33ZU MG
MICHEEL CHARLES 9570 S Dak
MICHEL R L 5430 Mich
MICHELSON E L 11230 Wash
MICHELSON L F 5120 Mass
AICHENER D W 6680 Nev
MICKAES 4690 Me
MICKE W.C. 1175 Calif
MICKELSEN CH 10430 Utah
MICKELSEN OLAF 5352 Mich MICKELSEN ROSS 3910 Kans
MICKELSON JANET H Mrs 11900
Wyo
VICKLE G T 1565 Colo MICKLE J B 8270 Okla
MICKLE J B 8270 Okla
VICKLE LOIS Mrs 8380 Okla
MICKLER L S 7362 N Y
MICKLESON ROME 1560 Colo
AICKLESON ROME 1560 Colo MICUDA VLADIMIR 8872 Pa
AIDCAP J T 4000 Koms
AIDDAUGH PR 9530 S Dak
AIDDLEKAHEE W.W. 765 Colif
MIDDLEKAUFF W W 765 Calif MIDDLEKAUFF W W 800 Calif
ADDIETON C.C. SION M.
MIDDLETON C C 6100 Mo
MIDDLETON JE 11260 Wash
MIDDLETON RAMONA H Mrs 3990 Kans
ADKIFF V C 4290 Ky
MIELKE L N 6410 Nebr VIELKE P W 1510 Colo MIFFLIN BETTY S 10930 Va
WIELKE P W 1510 Colo
MIFFLIN BETTYS 10930 Va
MIGNUCCI SANCHEZ JULIA F Miss
9000 PR
IKESH J 3690 lowa
IKESH VERNA A 5580 Minn
IIKKELSEN D S 900 Calif
IKOLAJCIKEM 7950 Ohio AIKOLAJCIKEM 8120 Ohio
MKRUT J J 6020 Mo
MILBOCKER D C 4250 Ky
AILBRATH N A 5560 Minn
MILES D.G. 4090 Kan
ILES D L 1410 Colo
ILES G E 5750 Miss ILES J D 2600 Ga
IILES J D 2600 Ga
ILES JF 9340 S C
IILES J T 9750 Tenn
ILES N.W. 4000 Kans
ILES N W 4000 Kans ILES R L 2350 Ga
TIFCWD 5570 Minn
ILES W R 5570 Minn
ILES W R 5570 Minn ILEY W N 560 Ark
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I
ILES W R 5570 Minn ILEY W N 560 Ark IILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La IILER A J 8050 Ohio
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C IILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La IILER A J 8050 Ohio ILLER A J 11130 Va
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C H 7500 N C
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C I 3520 Ind
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C I 3520 Ind
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C N 10870 Va ILLER C N 10870 Va ILLER C R 7350 N Y
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C N 10870 Va ILLER C R 7350 N Y ILLER C R 7350 N Y
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A LLEN 11760 W IS ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C N 10870 Va ILLER C R 7350 N Y ILLER C R 7350 Tex
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B F 1375 Colo ILLER B I. 5370 Okla ILLER C C 5430 Mich ILLER C C 5430 Mich ILLER C R 7500 N C ILLER C R 7350 N Y ILLER C R 7350 N Y ILLER C R 2170 Fla ILLER C S 10150 Tex ILLER C S 3250 III
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B L 9370 Okla ILLER B C 5430 Mich ILLER C H 7500 N C ILLER C N 10870 Va ILLER C R 7350 N Y ILLER C R 10150 Tex ILLER D A 3250 III ILLER D D 7130 N Mex
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER B C 5430 Mich ILLER C C 5430 Mich ILLER C R 7500 N C ILLER C R 7350 Ind ILLER C R 7350 N Y ILLER C R 10150 Tex ILLER D A 3250 III ILLER D D 7130 N Mex ILLER D D 7130 N Mex ILLER D D 7130 N Mex ILLER D D 7130 N Mex
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 8050 Ohio ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C C 5430 Mich ILLER C N 10870 Va ILLER C R 7350 N Y ILLER C R 7350 N Y ILLER C R 2170 Fla ILLER C S 10150 Tex ILLER D D 7130 N Mex ILLER D E 11190 Wash ILLER D G 11190 Wash
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C C 5430 Mich ILLER C R 7500 N C ILLER C R 7350 N Y ILLER C R 7350 Tex ILLER C R 10150 Tex ILLER D T 7130 N Mex ILLER D G 11190 Wash ILLER D G 11190 Wash ILLER D J 5980 Mo
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B F 1375 Colo ILLER B F 1375 Colo ILLER B C 5430 Mich ILLER C C 5430 Mich ILLER C R 7500 N C ILLER C R 7350 N Y ILLER C R 10150 Tex ILLER D T130 Wash ILLER D G 11190 Wash ILLER D J 5980 Mo ILLER D J 8724 Oreg
ILES W R 5570 Minn ILEY W N 560 Ark ILFORD M H 10180 Tex ILHOLLAND R D 7510 N C ILHOUS ANNE S Mrs 10963 Va ILLAR R I 9150 R I ILLAR R L 7250 N Y ILLAR W N 11440 W Va ILLEMANN R E 8570 Oreg ILLEN D F 1350 Calif ILLER A C 4580 La ILLER A J 11130 Va ILLER A J 11130 Va ILLER B F 1375 Colo ILLER B L 5370 Okla ILLER B L 5370 Okla ILLER C C 5430 Mich ILLER C C 5430 Mich ILLER C R 7500 N C ILLER C R 7350 N Y ILLER C R 7350 Tex ILLER C R 10150 Tex ILLER D T 7130 N Mex ILLER D G 11190 Wash ILLER D G 11190 Wash ILLER D J 5980 Mo

```
MILLER DL 5750 Miss
MILLER BAYNT (435 Colo
MILLER C 5880 Miss
MILLER C 5880 Miss
MILLER E C 19 5300 Miss
MILLER E C 19 5300 Miss
MILLER E C 19 5300 Miss
MILLER C 19 5300 Miss
M
```

MINOCICA HO TIMB INC
MINOR CO 542 And
MI

MORELAND-MULKERN

MORELAND LE 7400 N C
MORELAND

MULLEY J R 1000 TeMERKEY C C 285 G G
MULLE NO C 265 G G
MULLE NO C 245 G G
MULLE NO C 245 G G
MULLE NO C 246 G K
MULLE NO C 2

NASSER-NIELSEN

MASSER-NIELSEN

MELISEN D R 1155 ONIT

OGDEN-OVERMAN

| OCDEM N V 880 | Seve | OLSON GRAPHING NOTO OND | OCCUPATION N V | OCCUPA

OVERTREET SIBLE S 1700 Miss

CYCRYON TO 1900 Test

OVERTREET A 200 UI

PARTIER F 1 JOB CS

OVERTREET 1 JOB CS

OVERTREET 1 JOB CS

OVERTREET 2 JOB

PARVIN-PEREZ

FARVIN-PEREZ

FA

PRINCE DON' AND MILL (000 FT)
PRINCE DIFFE ASSEMBLE (000 PT)

PICKREL -POTTER

PICKREL-POTTER

PICKREL-L 1 550 Nam

PICKREL-POTTER

PICKREL-L 1 550 Nam

PICKREL-POTTER

PICKREL-L 1 550 Nam

PICKREL-R 1 590 Nam

PIC

OUTTER H. S. 220 Mich OTTER HELEN C. 3300 fed OTTER H. H. 1090 No. All OTTER H. N. 1730 N. Y. OTTER S. H. 17

PRONOVOST LOIS C Mrs 7670 N. Dak.

QUANCE-READ

 QUANCE C L
 8320 Okla
 RAHN A P
 3690 Iowa
 RANNEY T A
 10790 Vt

 QUANN T R
 11280 Wash
 RAHN E M
 1890 Del
 RANTA R R
 4210 Ky

 QUAST J F
 5650 Minn
 RAINES E D
 4330 Ky
 RANTA R R
 4310 Ky

 QUATRANC B S
 8480 Oreg
 RAINS D W
 900 Calif
 RAO A G
 10050 Tex

 QUAY T L
 7560 N C
 RI
 RAO D B
 1410 Colo

 QUENEMOEN M E
 6230 Mont
 RAITT D D
 5970 Mo
 RAO D S V
 5830 Miss

 QUESENBERRY C P
 7550 N C
 RAJAMANNAN A H
 5480 Minn
 RAO G H R
 5550 Minn

 QUESENBERRY EVELLYN P Mrs
 5560
 RAJU P K
 10050 Tex
 RAO M R R
 4480 La

 Minn
 RAKES A H
 7380 N C
 RAPER K B
 11580 Wis

 QUEVEDO PLEANOR FONTANET Mrs
 RAKES J M
 570 Ark
 RAPHAEL H L
 5365 Micl

 QUICK G B
 3710 Iowa
 RAKESTAW LAWRENCE
 5457 Mich
 RAFE G E
 880 Calif
 QUICK G B 3710 Iowa QUICK J S 7680 N Dak QUICK JAMES 1175 Calif QUIMBY D C 6320 Mont QUIMBY PC Jr 7230 N Mex QUINN DO 11440 W Va QUINN EMILY H Mrs 7450 N C QUINN J A 3280 III QUINN L A 10030 Tex QUINN WM 6340 Mont QUINONES F A 7090 N Mex QUINONES GANDULLA IRAIDA 9090 PR QUINONES JA 9030 PR QUINONES ROSAURA FERRER de Mrs 9090 PR QUISENBERRY J H 10160 Tex QURAISHI M S 7800 N Dak QURAISHI AKHTAR S Mrs 7820 N. Dak.

RAABERD 850 Calif RAATSPA 11800 Wis RABAS D L 5680 Minn RABAS D L 3000 Mmm

RABB J L 4580 La

RABB R L 7440 N C

RABINOWITZ J C 770 Cahf

RABURN J A 2390 Ga RADKE J K 5640 Minn
RADLOFF H D 11870 Wyo
RADMALL M B 6610 Nev
RADOSEVICH G E 1460 Colo
RAE K M 260 Alaska
RAESE J T 2240 Fla
RAFELD F J 4400 La
RAFFEL M W 8876 Pa

RAITT D D 5970 Mo

RAO D S V 5830 Miss

RAJAMANNAN A H 5480 Minn

RAJU P K 10050 Tex

RAKES A H 7380 N C

RAKES J M 570 Ark

RAKESTAW LAWRENCE 5457 Mich

RALEIGH R J 8720 Oreg

RAPP MARY RUTH 6530 Nebr

RALSTON A T 8470 Oreg RAKESTAW LAWRENCE 5457 Mich
RALEIGH R J 8720 Oreg
RALSTON A T 8470 Oreg
RAMAGE C H 6890 N J
RAMAGE D R 2360 Ga
RAMAGE R T 320 Ariz
RAMGE J C 10220 Tex
RAMIG R E 8720 Oreg
RAMIREZ CARMEN M PEÑA de Mrs
9040 P R RAMIREZ JUDITH F Mrs 9090 PR
RAMIREZ CLIVERAS GUMERSINDO
9030 PR
RAMIREZ ORTIZ ARIEL 9030 PR
RAMIREZ ROMAN RAMON A 9090
PR
RAMIREZ TOPPES 9040 PR
RAMIREZ CARMEN T Mrs 9030 PR
RAMIREZ JM 7860 N Dak
RAMIREZ JUDITH F Mrs 9090 PR RAMUSSON R F 6260 Mont
RAMOS CARO CESAR 9030 P R
RAMOS CARO O 9090 P R
RAMOS EDDA G FERRER de Mrs 9090
P R RAMOS GLORIA M GIRAU de Mrs 9090 RAMOS IRIS C 9090 PR RAMOS J A 9040 PR RAMOS J CARO 9090 PR RAMOS NESTOR 8940 PR
 RABB J L 4580 La
 RAMOS NESTOR 8940 P R
 RAULCH MARIAN D Mrs 5790 M

 RABB R L 7440 N C
 RAMOS REYES B J 9090 P R
 RAULSTON J C 2240 F la

 RABINOWITZ J C 770 Cahf
 RAMPTON H H 8560 Oreg
 RAULSTON J R 10310 Tex

 RABINOWITZ J C 770 Cahf
 RAMPTON H H 8560 Oreg
 RAULSTON J R 10310 Tex

 RACE S F. 6950 N J
 RAMSEUR BESSIE B Mrs 7450 N C
 RAUN E S 6400 Nebr

 RACES R 6950 N J
 RAMSEUR BESSIE B Mrs 7645 N C
 RAUN E S 6530 Nebr

 RACUSEN I W 10785 Vt
 RAMSEUR BESSIE B Mrs 7645 N C
 RAUNIKAR ROBERT 2755 Ga

 RACUSEN I W 10785 Vt
 RAMSEY C E 6300 Minn
 RAUSCH D L 6000 Mo

 RADELIFFE B 5550 Minn
 RAMSEY C E 6300 Minn
 RAUSCH D L 6000 Mo

 RADELIFFE R D 10260 Tex
 RAMSEY F K 3820 Iowa
 RAUSCH D L 6000 Mo

 RADER E R 11135 Va
 RAMSEY F K 3820 Iowa
 RAUSCH D L 6000 Mo

 RADER E R 8110 Ohio
 RAMSEY F K 3820 Iowa
 RAUZI FRANK 11910 Wyo

 RADER HELEN L 9830 Tenn
 RAMSEY J S 137 Ala
 RAVELING G R 4860 Md

 RADER H 11240 Wash
 RAMSEY R J 4300 Ky
 RAWLINS H D 7530 N C

 RADEWALD J D 1300 Calif
 RAMUSSON D C 5470 Minn
 RAWLINS O 0 663 RAMOS REYES B J 9090 PR RAEE M 260 Alaska RANDALL WA 5600 Miss RAY DE 3690 lowa RAEE J T 224C Fla RANDEL P F 9030 P R RAY E E 7100 N Mex RAFELD F J 4400 La RANDEL ROSCOE 3310 III RAY FELICIA A 2500 Ga RAFFEL M W 8876 Pa RANDLE S B 6910 N J RAY K R 5750 Miss RAFFENSPERGER E M 7250 N Y RANDOLPH H E 10040 Tex RAY L L 10295 Tex RAGI L G 1.78 Calif RANDOLPH N M 10090 Tex RAY M L 570 Ark RAGHEB H S 3440 Ind RANDOLPH T C 8420 Okla RAY NOREEN 1630 Conn RAGHU KANTHADAI 3370 III RANDOLPH U A 10300 Tex RAY P H 5454 Mich RAY NOREEN 1630 Conn RAGLAND J B 570 Ark RANEY E C 7255 N Y RAY R M 9724 Tenn RAGLAND J B 590 Ark RANEY R J 3850 Kans RAY R M 9724 Tenn RAGLAND J L 4130 Ky RANGE J E 6550 Nebr RAYMAN M M 4 CSRS RAYMAN M M 10 CSRS RAGLAND J L 4140 Ky RANGE J E 6550 Nebr RAYMAN M M 10 CSRS RAYMAN M M 10 CSRS RAGLAND T E 940 Calif RANKIN B J 7100 N Mex RAYMOND LORENE A Mrs 640 Ark RAGSDALE B J 10145 Tex RANKIN JOHN 11760 Wis RAYMOND LOUIE Jr 8030 Ohio RAGSDALE B J 10145 Tex RANKIN VELDA F 6050 Mo RANKIN VELDA F 6050 Mo RANKIN VELDA F 6050 Mo RANNEY R W 8740 Pa READ C H 4190 Ky

RAPPAPORT LAWRENCE 1130 Calif RAPPLEYERD 4830 Md RASCHKE KLAUS 5270 Mich RASK NORMAN 7960 Ohio RASK NORMAN 8130 Ohio RASKI D J 1070 Calif RASKOPF B D 9724 Tenn RASMUSEN B A 3260 III RASMUSSEN ALBIE C Mrs 3990 Kans RATCLIFF TILLIEN Mrs 3530 Ind RATHBUN R E 1410 Colo RATHMELL J K Jr 8860 Pa RATTERREE W B 2420 Ga RATKE CHRISTINE C 5430 Mich RAUCH F D 3760 Iowa RAUCH F D 5800 Miss RAUCH F D 5800 Miss RAUCH MARIAN D Mrs 5790 RAULSTON J C 2240 Fla RAULSTON J R 10310 Tex RAUCH MARIAN D Mrs 5790 Miss

READ HADLEY 3290 III REEVES D.L. 9660 S.Dak REKTORIK R.J. 10295 Tex
READ MARSHA H.Mrs 6660 Nev REEVES E.L. 1270 Calif REMELE K.E. 7358 N.Y
READ P.E. 5590 Minn REEVES F.B. 1510 Colo REMMENGA E.E. 1510 Colo
READ R.A. 6550 Nebr REEVES H.C. 10350 Tex REMMENGS E.E. 1375 Colo
READ W.K. 10250 Tex REEVES R.M. 6780 New Hamp REMPEL W.E. 5480 Minn
REAM R.E. 6396 Mont REFF T.L. 7770 N. Dak. REMY K.H. 8215 Ohio
REAMER L.D. 9400 S.C. REGAN MARY C. 917 Calif RENARD K.G. 430 Ariz
REAMES J.E. 5880 Miss REGIER CECIL. 10295 Tex RENAUD B.M. 2940 Hawaii
REARDON P.O. 10300 Tex REGNIER E.H. 3280 III RENBARGER R.E. 8440 Okla
REASONOVER FRANCIS L. 10140 REGNIER E.H. 3320 III RENDIG V.V. 1120 Calif
Tex
REAVES C.A. 120 Ala REGNIER F.E. 3440 Ind RENNE R.R. 3280 III
REAVES C.W. 2060 F.La
REGO J.L. 9200 R.I. RENNEBOHM FERN H. 11660

REAMON I D 3000 Mass
REARICON FO 3000 Tex
RECORDER F 300 III
RECORD F 300 III
RECORDER F RENBARGER R E 8440 Okla RENDIG V V 1120 Calif RENFRO A M 10125 Tex

RIBELIN-ROBERTS

ROBINSON J H 9730 Tenn
ROBINSON J L 3270 III
ROBINSON J L 3630 Iowa ROBINSON JEAN Mrs 7260 N Y ROBINSON K L 7250 N Y ROBINSON LILLA 2890 Ga
ROBINSON N W 9930 Tenn
ROBINSON R A 5650 Minn
ROBINSON R G 5470 Minn
ROBINSON R J 3980 Kans
ROBINSON R M 10250 Tex
ROBINSON R R 4 CSRS
ROBINSON R R 10 CSRS
ROBINSON R W 7333 N Y
ROBINSON R W 11620 Wis
ROBINSON T H 7970 Chio
ROBINSON V L 2480 Ga
ROBINSON W B 7310 NY
ROBINSON W H 10920 Va
ROBINSON W D 6690 Nev ROBINSON LILLA 2890 Ga

ROBERTS L P 4770 Me
ROBERTS L W 90 Alo
ROBERTS K W 90 Alo
ROBERTS K W 90 Alo
ROBERTS N W 1040 Illub
ROBERTS N W 10 PR RODRIGUEZ J A 9090 P R

RODRIGUEZ J G 4200 Ky

RODRIGUEZ J W 9090 P R

ROLRIGUEZ L S 9090 P R

RODRIGUEZ LEIDA 9090 P R

RODRIGUEZ ORTIZ ESTHER 9090
P R

ROLLINS H A Jr 8020 Ohio ROLLINS H A Jr 8180 Ohio ROLLINS W C 910 Calif ROLLO C A 120 Ala ROLON DIAZ M 9090 PR ROLSTON D K 11885 Wyo ROLSTON L H 4435 Lα ROM R C 660 Ark ROBINSON R A 5550 Minn
ROBINSON R G 5470 Minn
ROBINSON R M 10250 Tex
ROBINSON M M 10250 Mis
ROBINSON M M 10250 Mis ROMSDAL BARBARA J Mrs 1440 Colo

RONNINGEN-RUSSELL

| ROSA | FILANIES | PASS | PH | ROTH | L | 1980 | Kons | ROTH | L | 198

RUSSELL M P 3500 Ind SAHS W 6590 Nebr SANDERSON H R 11420 W Va RUSSELL MADELEINE 3530 Ind SAHS W 6590 Nebr SANDERSON J T 9570 S Dak RUSSELL SHIRLEY C Mrs 600 Ark SAIF Y M 8035 Ohio SANDERSON J T 9570 S Dak RUSSELL SHIRLEY C Mrs 600 Ark SAIF Y M 8025 Ohio SANDERSON W R 6110 Mo SANDERL W G 9722 Tenn SHONTZ D F 9170 R I SANDERSON W R 6110 Mo SANDERL W G 9722 Tenn SHONTZ D F 9170 R I SANDERSON W R 6110 Mo SANDERL W G 9722 Tenn SHONTZ D F 9170 R I SANDERSON W R 6550 Oreq RUSSELL WALTER 6080 Mo SANDSURY J C 9180 R I SANDERTO CARMAN 5250 Mich RUST J W 5480 Minn ST CLERGY C J 4400 La SANDETO CARMAN 5250 Mich SANDS D C 1760 Conn RUST J W 5680 Minn ST CLERGY C J 4400 La SANDSTED T R 7250 N Y SANDETD R F 7250 N Y SANDETD R M 6440 Nebr SANDSTED R M 6440 Nebr SAN RUTTAN V W 3020 NMC
RUTTLE JL 7100 N Mex
RUUD JOSEPH:NE BARTIOW Mrs 7820
N Dak
RYAN C B 10160 Tex
RYAN C B 10160 Tex
RYAN D M 5540 Minn
RYAN G B 11310 Wash
RYAN G B 11310 Wash
RYAN MILDRED B Mrs 3720 Iowa
RYAN MILDRED B Mrs 3720 Iowa
RYAN R B 8726 Creg
RYCKEBUSCH PARTICIA Mrs 8885 Pa
RYDBERG C O 11840 Wis
RYDER G J 7900 Chio
RYDER G J 7900 Chio
RYDER G J 7900 Chio
RYDER G J 7900 Cho
RYDER G J 7900 Oreg
RYDRYCH D J 8720 Oreg
RYERSON D E 6200 Mont
RYERSON D E 6200 Mont
RYANER D E 600 Ark
RYANER D E 600 Ark
RYER D E 600 Ark
RYER D E 600 Mont
RYER C E 600 Ark
RYER C E 600 Ark
RYER C E 600 Ark
RYER C E 600 Mont
RYER C E 600 Mont
RYER C E 660 Mont
RYER C E 600 Ark
RYER C E 600 Ark
RYER C E 600 Ark
RYER C E 600 Mont
RYER C E 600 Mont
RYER C E 600 Mont
RYER C E 660 Mont
RYER C E 600 Mont
RYER C E 660 Mont
RYER C E 600 RYMAL K S 170 AIG

RYRIE I 7255 N Y

RYSER G K 10540 Utah

RYSTAD BEA T Mrs 7820 N Dak

SANCHEZ ANA T RUIZ GE MILE SELL

P R

SANCHEZ C R S 3980 Kan

SANCHEZ del MORAL JOSEFINA Miss

9000 P R

9000 PR SANCHEZ JI 9090 PR SANCHEZ M. A 9090 PR SANCHEZ JI 9090 PR
SANCHEZ M A 9090 PR
SANCHEZ M A 9090 PR
SANCHEZ M FERDINAND 8930
SARGENT F D 7380 N C
SARGENT F O 10690 Vt
SARGENT F O 6260 Mont
SARGENT R L 3110 Idah
SARGEN

SARGENT C A 3460 Ind SARGENT F D 7380 N C SARGENT FO 10690 Vt

SAUFLEY-SCHRANK

SAMPLEY 2 C 480 Ky
SAMPLES AD 300 Analog
SAM

SCHREIBER HA 370 Aits

SEMEL-SHIRLEY

SHARLANDRE 720 NY

SHANDALANDRE 720 NY

SHANDALANDR SHIMABUKURO BETTY Z Mrs 2970 Hawaii

STATE OF COMMENT O

SKELTON-SMITH

SKELTON WE 10930 Va	SMERDON ET 2010 FIX	SMITH F W 3840 Kans
SKERSKI GERTRILLE 4240 KV	SMETTER D.L. 2010 TIG	SMITH TO ANOTE N 1000 D 1
SKIDMORE C I 10500 III-L	SMETZER D.L. 8040 Onto	SMITH FRANCES Mrs 1880 Del
SKIDMORE E I 2000 Utan	SMIBERT R M 10835 Va	SMITH G A 1375 Colo
SKILLING D. 3850 Kons	SMICK A A 11330 Wash	SMITH G C 10040 Tex
SKILLING DE 5610 Minn	SMID JOHANNES 7342 NY	SMITH G E 2510 Ga
SKINNER JL 11780 Wis	SMIKA D.E. 6410 Nebr	SMITH G E 5935 Mo
SKINNER M M 1410 Colo	SMIKADE 6590 Nebr	SMITH G F 3550 Ind
SKINNER RE 2420 Ga	SMILEY I H ALAO KY	SMITH G G 10420 Utah
SKINNER T.C. 2010 Fla	CMI EV W I GCO A-L	SMITH G H 7366 N Y
SKOG B E 5365 Mich	CMILIE II 4420 I	SMITH GIL 7000 N D
SKOCERBOE C.V. 1410 Colo	SMILLE J L 4430 La	SMITH GH 7680 N Dak
SKOCEBORE B.K. 1410 COID	SMILOWITZ ZANE 8810 Pa	SMITH G L 1410 Colo
SKOGLAGE AND 1510 COLO	SMILOWITZ ZANE 8862 Pa	SMITHGL 6720 NH
SKOGLLY CR 9220 RI	SMITCJB 2460 Gα	SMITH GR 4 CSRS
SKOGLEY E O 6290 Mont	SMITH A C 1590 Conn	SMITH G R 10 CSRS
SKOGLUND W C 6720 N H	SMITH A C Sr 4460 La	SMITH G S 7100 N Mex
SKOK R A 5570 Minn	SMITH A D 10560 Litab	SMITH G S 7680 N Dak
SKOLD L N 9730 Tenn	SMITH A F Ir 2720 Co	SMITH G W 2420 Ga
SKOLD M.D. 1460 Colo	SMITH A H GOS Calif	SMITH G W 2420 Gd SMITH G W 11090 Va
SKOOG RONALD 10145 Tox	CMITTLA M 10000 M	CMITH CEODOLAM 7000 M.D.
SKOTI AND C P 11220 W	SMITH A M 10650 Vt	SMITH GEORGIA Mrs 7820 N Dak
SKOTLAND C B 11320 Wash	SMITH A O 11090 Va	SMITH GERTRUDE M Mrs 3720 Iowa
SKOWHONSKI BOLESLAW 3370 III	SMITH BA 10295 Tex	SMITH H A 1460 Colo
SKRABANEK R L 10000 Tex	SMITH B J 2755 Ga	SMITH H C Jr 9730 Tenn
SKRDLAWH 3630 Iowa	SMITH BP 1680 Conn	SMITH H D 4900 Md
SKROCH W A 7500 N C	SMITH BW 7480 N.C.	SMITH H E 10000 Tex
SKUCIUS ELAINE M 6530 Nebr	SMITH BARBARA D. Mrs. 7550 N.C.	SMITH HELEN E Mr.: 6545 Nebr
SKUJINS J. J. 10400 III ob	SMITH REATRICE MAN 6170 M	SMITH HIC GOOD NOW NEDT
SKULINS I I 10575 Thab	CMITH DUTTE AND WE	SMITH H G 6620 Nev
SLACK DA 670 A-L	SMITTLE DETERMENT AND ME	SMITH H J 7500 N C
SI ACK C.T. TOCO	SMITHUR 8860 Pa	SMITH H J 9930 Tenn
SKELTON W E 10930 Va SKERSKI GERTRULIE 4240 Ky SKIDMORE C J 10500 Utah SKIDMORE E L 3850 Kans SKILLING D D 5610 Minn SKINNER J L 11780 Wis SKINNER M M 1410 Colo SKINNER H E 2420 Ga SKINNER T C 2010 Fla SKOG R E 5365 Mich SKOGERBCE G V 1410 Colo SKOGEROBE R K 1510 Colo SKOGLEY C R 9220 R I SKOGLEY C R 9220 R I SKOGLUND W C 6720 N H SKOK R A 5570 Minn SKOLD L N 9730 Tenn SKOLD M D 1460 Colo SKOOG RONALD 10145 Tex SKOTLAND C B 11320 Wash SKOWRONSKI BOLESLAW 3370 III SKRABANEK R L 10000 Tex SKRDLA W H 3630 Iowa SKROCH W A 7500 N C SKUCIUS ELAINE M 6530 Nebr SKUJINS J J 10400 Utah SKUJINS J J 10575 Utah SLACK D A 670 Ark SLACK S T 7250 N Y SLATE W L 1700 Conn SLATER F L 3380 III SLATTER W L 8120 Ohio SLEESMAN J P 8155 Ohio	SMI.H C C 3880 Kan	SMITH H V 370 Ariz
SLATE W L 1700 Conn	SMITH CD 3240 III	SMITH H W 3140 Idaho
SLATER FL 3380 III	SMITH CF 7440 N C	SMITH H W 11190 Wash
SLATTER W L 7950 Ohio	SMITH CJ 5650 Munn	SMITH J A 147 Colo
SLATTER W L 8120 Ohio	SMITH C.K. 8225 Ohio	SMITH J A 2400 Ga
SLATTERY R J 5610 Minn	SMITH C M 6290 Mont	SMITH J A 3470 Ind
SLAYBACK B D 520 Ariz	SMITH C N 2000 FI-	CMITTLE A AGO IA
SLAYTON A P 10030 V~	CHITTLE C.D. 2000 P.I.	SMITH J A 4280 Ky
SI FDCF C W 11 CO W.	SMITH CH 7000 NJ	SMITH J C 1092C Va
SLEDGE G W 11500 WIS	SMITH CR 8040 Ohio	SMITH J C 11010 Va
SLEDGE G W 11630 Wis	SMITH CAROLYN M Mrs 2500 Ga	SMITH J D 10150 Tex
SLEEPER B P 7730 N Dak	SMITH CATHERINE Mrs 8620 Oreg	SMITH JD 100 Ala
SLIESMAN J F 7990 Ohio	SMITH CATHERINE Mrs 8620 Oreg	SMITH J D 5480 Minn
SLEESMANJP 8155 Ohio	SMITH DB 90 Ala	SMITH JE 110 Ala
SLEIGHT L G 3280 III	SMITH D.B. 5750 Miss	SMITH JE 4090 Kans
SLEIGHT S D 5430 Mich	SMITH DC 11570 Wis	SMITH J E Jr 6060 Mo
SLICKERS ALLEN 3455 Ind	SMITH DE 7500 NC	CMITH I LOCATE II.
(TPF F W 3250 TH	SMITTLE C 2200 NC	SMITH J H 10575 Utah
SI INED VAI COUL VIII	SMITH DG 3280 III	SMITH JP 8270 Okla
CLINKADD & D. 2000 Mich	SMITH DH 2815 Ga	SMITH JP 10240 Tex
SLINKARD A E 3190 Idaho	SMITH DH 5230 Mich	SMITH JS 10910 Va
SLINKMAN ZOE E Mrs 3970 Kons	SMITHDH 8700 Oreg	SMITH J T 9830 Tenn
SLOAN ANN 1880 Del	SMITH D K 1830 Del	SMITH J W 1870 I. C
SLOAN FS 7450 N C	SMITH D M 120 Ala	SMITH FW .CO9C Tex
SLOAN H J 5465 Minn	SMITH D R 1435 Colo	SMITH JANET A Mrs 7250 N Y
GLOAN J T 10145 Tex	SMITH D R 3370 III	SMITH JANICE M 3350 Ill
3LOAN K.W. 3380 TH	SMITH D.T. 10295 Tax	SMITH JEWEL B Mrs 280 Alaska
31 CAN N.F. 5457 Mich	SMITH D. V. 10250 Ton	SMITH V D COO A 1-
SLOAN R.F. 3850 Voma	CMITH D W 7450 M C	SMITH K B 690 Ark
I OANE I W AFOO I	SMITH DW 7450 N C	SMITH K J Jr 7363 : Y
NOANDD core with	SWITH DODIES :	SMITH K L 2060 Fla
NOATER 4010 M	SMITH DORIS S Mrs 2970 Hawaii	SMITH K L 7940 Ohio
SLOAIF B 4010 Kan	SMITH E D 4180 Ky	SMITH K L 8110 Onio
NORTH LI /255 NY	SMITHEF 3860 Koms	SMITH K L 8225 Ohio
SLOCUM ANN C Mrs 5352 Mich	SMITH E.G. 900 Calif	SMITH K W 1540 Colo
SLOCUM W L 11330 Wash	SMITH E G 4420 La	SMITH L A 185 Ala
LOGGETT G R 8320 Okla	SMITHEH 7240 N Y	SMITH LA 7366 NY
LOTTEN BEVERLY K Mrs 7920 N Dal	SMITH E H 6320 Mont	SMITH L D 10835 Va
LUSHER J P 6040 Mo	SMITH FI 520 Aria	ON COOL OF ILLING
SLYTER A 1. 9520 S Date	SMITH F M A100 V.	SMITH L H 3420 Ind
TYTERA: OWN C Date	SMITH EM 4190 KY	SMITHLH 9340 SC
I VTPD CE 2020 tal.	SMITH EN COOK H	SMITH L H 5470 Minn
MAKI I II 4250 M	SMITHER 5305 Mont	SMITH L J 10450 Utan
MALL L H 4250 Ky	SMITH ES 8260 Okla	SMITH L L 5880 Miss
WALLEYEB 11/60 Wis	SMITH E S 10910 Va	SMITH L L Jr 5550 Minn
MALLEY EB 11770 Wis	SMITH E V 20 Ala	SMITH L M 990 Calif
MALLING J D 9740 Tenn	SMITH ETHEL H 9494 S C	SMITH L M 1010 Calif
MART G C Jr 2090 Flα	SMITH EWALD 7440 N C	SMITH L M Jr O CSRS
MART L I 4360 La	SMITH F G 3670 Towa	SMITH L R 10150 Tex
MART MOLLIE Mrs 9210 RI	SMITH F H 4980 Md	TA COLO TENTIME
MART R A 10590 Utah	SMITH F H 7380 N C	SMITH LADORA C Mr. 8380 Ckla
MART B C 9210 B I	SMITHER 9/35 S.C.	SMITH M B 2920 Hawaii
MART WWG Ir 2720 G~	SMITH F H 8480 O	SMITH WID 2920 TOWNS
MEALPI, 10060 V~	CMITTLE IT CEOU VILL	SMITH M.C. 9730 Tenn
MECK NE 7960 N Date	SMILE 1 OUG COLV	SMITH M E 5570 Minn
MECKINE 7000 N. Dak.	ewith March 1900 to 1900	SMITH M.G. 7890 Ohio
MEINGER 10176 T	CLATTII TO VI DACO T 1	CHITTI M C COSC CINC
MEINS F E 10145 Tex	SMITH DB 5750 Miss SMITH DC 11570 Wis SMITH DE 7560 NC SMITH DB 3280 Ill SMITH DH 2815 Ga SMITH DH 5230 Mich SMITH DH 8700 Oreg SMITH DK 1830 Del SMITH DR 1435 Colo SMITH DR 1435 Colo SMITH DR 1435 Colo SMITH DR 10295 Tex SMITH DV 10350 Tex SMITH DV 10350 Tex SMITH DW 7450 N C SMITH DORIS S Mrs 2970 Hawaii SMITH ED 4180 Ky SMITH E D 4180 Ky SMITH E G 900 Cahi SMITH E G 4420 La SMITH E H 6320 Mont SMITH E H 6320 Mont SMITH E M 4190 Ky SMITH E M 4190 Ky SMITH E M 490 Ky SMITH E M 4940 N C SMITH E M 4944 S C SMITH E M 4950 Md SMITH E M 4980 Md SMITH E M 4980 Md SMITH F H 4980 Md SMITH F H 4980 Oreg SMITH F H 9435 S C SMITH F H 9435 S C SMITH F H 8480 Oreg SMITH F J Jr 5520 Minn	SMITH M G 8130 Ohio

SACTH MOST DED ONSACTH MOST DE

SPEAR-STEELE

STEELE SARA M 11630 Wis STEELE SARA M 11660 Wis
STEELMAN C D 4435 La STEEN R W 1C350 Tex STEENSEN D H J 7470 N C
STEFFEN HYRUM 10390 Utah STEGER R Z 7100 N Mex STEGMAN E C 7790 N Dak
STEGMEIR P.B. 5560 Minn STEGMEIR P.B. 5620 Minn
STEGMETER W.D. 9660 S.Dak STEGNER J.F. 1569 Colo STEHR F.W. 5280 Mich
STEIBRJ 4380 La STEIDL ROSE 7260 N Y STEIN ALETHA H Mrs 8880 Pa
STEIN E B 10295 Tex
STEIN F M 1510 Colo STEIN J F 6600 Nev STEIN J F 6650 Nev STEIN R W 3430 Ind
STEINBACH D W 10145 Tex STEINBECK KLAUS 2480 Ga STEINBERG M P 3330 Ill
STEINBRUEGGE G W 6510 Nebr STEINETZ LCTT! M Mrs 6045 Mo
STEINHAGEN H P 11420 W Va STEINHAUER A L 4890 Md STEINHILB H M 5457 Mich
STEINHILB H M 5457 Mich STEINHOFF H W 1435 Co.o STEINHOFF R J 3234 Idaho STEINKE JOSEPH 7070 N J
STEINKRAUS K H 7310 N Y
STELLIG D A 11440 W Va STELLMON M W 3180 Idaho STELLWAGEN W R 8878 Pa STELLY RANDALL 10000 Tex
STELLY RANDALL 10000 Tex STEMBERGER A P 8780 Pa
STEMBRIDGE G E 9430 S C STEMPKE L W 6390 Mont STENQUIST N J 10390 Utah
STENUF T J 7350 NY S1E NUF T J 7354 N Y STENZEL GEORGE 11375 Wash
STEPHEN W P 8530 Oreq
STEPHEN W P 8530 Oreg STEPHENS C A L Jr 350 Ariz STEPHENS D F 8440 Okla
Idaho STEPHENS G.R. 1735 Conn STEPHENS J.F. 8035 Ohio
STEPHENS J F 5210 Ohio STEPHENS J M 2220 Fla STEPHENS R L 9280 S C
STEPHENS S G 7480 N C STEPHENS T S 10295 Tex STEPHENS W P 7080 N Mex
STEPHENSON A B 6080 Mo STEPHENSON D A 11760 Wis
STEPHENSON E L 570 Ark STEPHENSON G K 10350 Tex STEPHENSON K Q 8800 Pa
STEPHENSON L E 1568 Colo STEPHENSON M E 5365 Mich STEPHENSON MICHAEL 2600 Ga
STEPHENSON R B Jr 1568 Colo STEPHENSON S N 5220 Mich STEPONKUS P L 7250 N Y
STEPP J M 9340 S C STERLING CLARENCE 1010 Calif
CHEDITAC LC 7050 MIV
STERLING J C 7250 N Y STERLING W L 10090 Tex STERMER R A 10020 Tex
STERLING J C 7250 N Y STERLING W L 10090 Tex

```
| STERNLOFF RE 7470 NC | STELEMAN C % 6955 N J | STELEMAN M M 1270 C 6 M | STELEMAN M M 1270 C 6 M | STELEMAN C % 6955 N J | STELEMAN M M 1270 C 6 M | STELEMAN M M 1270 C 6 M | STELEMAN M M 1270 C 6 M | STELEMAN M M 1270 N C | STELEMAN M M 1270 N C | STELEMAN M M 1270 N C | STELEMAN C % 6955 N J | STELEMAN M M 1270 C 6 M | STELEMAN M M 1270 N C | STELEMAN M M 1270 N C | STELEMAN M M 1270 N C | STELEMAN M 440 N C | STELEMAN M 440 N C | STELEMAN M M 1270 N M M M 1270
```

STEWART K L	10000	Tex
STEWART L E	4880	Md
STEWART M B	6490	Nebr
STEWART MARCY D Mrs	4210	Ky
STEWART R E	10020	Tex
STEWART SHERYL A	3360	III
STEWART T B	2620	Ga
STEWART T B	2620	Ga
STEWART V R	6390	Mont
STEWART V R	6390	Mont
STEWART V R	6390	Mont
STEWART W G	1375	Colo
STEWART W G	1375	Colo
STICE L F	3280	III
STICHTER D E	3455	Ind
STICHTER D E	3455	Ind
STICHTER D E	3455	Ind
STICHTER D E	3455	Ind
STILLE W C	5610	Minn
STILLE B W C	4770	Me
STILLE S W C	4770	Me
STILLE S W C	4770	Me
STILLE G W	7990	Ohio
STILLE G W	7990	Ohio
STILLE G W	7990	Ohio
STILLE G W	8155	Ohio
STONE J T	9620	S Dak
STONE D T	9620	S Dak
STONE D T	9620	S Dak
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK
STONE D T	9620	S DAK

STONE-SUOMI

STORE PS 70C AT

STORE

TARAPCHAK JUDITH Mrs 5580 Minn STANDER FN 7220 NY
SWADER FN 7250 NY
SWANDON B 5500 Minn
SWANNON N 11664 Wiss
SWANNON N 11664 Wiss
SWANNON N 1560 Minn
SWANNON N 1560 Mi

TAYLOR-THO MPSON

TAYLOR JULIA B 9370 S C TAYLOR L H 10830 Va TAYLOR M C 6230 Mont TAYLOR M H 690 Ark TAYLOR M H 10440 Utah TAYLOR N E 6392 Mont TAYLOR N L 4140 Ky TAYLOR O C 1315 Calif TAYLOR R E 1375 Colo
TAYLOR R E 3130 Idaho TAYLOR R E 7970 Ohio TAYLOR R E 8050 Chio TAYLOR R L 300 Alaska TAYLOR R L 6610 Nev TAYLOR R M 10300 Tex TAYLOR R R 390 Ariz TAYLOR R W 3460 Ind
TAYLOR T H 4140 Ky TAYLOR W D 10000 Tex TAYLOR W E 8440 Okla TAYLOR W H 20 Ala TAYLOR W H 130 Ala TAYLOR W M 2230 Fla TAYLOR W M 2240 Fla TAYLOR W R 7940 Ohio TAYLOR W R 8110 Ohio
TAYLOR W R 8110 Ohio TAYLOR ZCNA D Mrs 5790 Miss TEAGUE H S 7910 Ohio TEAGUE H S 8080 Ohio TEAGUE F K 4210 Ky TEAGUE R D 1175 Calif TEAL R H 8500 Oreg TEARE 1 D 3850 Kans TEATE J L 8370 Okla
TEATER R W 7890 Onto TEATER R W 7900 Ohto TEATER R W 8025 Ohto TEATER R W 8060 Ohto TEATER R W 8070 Ohto TEATS T R 10790 V+ TEDDLIE ALICE T 4500 La TEDRICK W E 5290 Mich
TEDROW J C F 7050 N J TEDROW N P 1690 Conn TEEGUARDEN D E 868 Calif TEEKELL R A 4520 La TEEL M R 1890 Del TEEM D H 30 Ala TEER J G 10145 Tex TEER J G 10170 Tex
TEER PATRICIA A 210 Ala TEERI A E 6730 N H TEFERTILLER K R 2000 Fla TEHO F G 2970 Hawan TEICHMAN JANIS K Mrs 2930 Hawan TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex TEJEBA ERNESTO GONZALEZ 8940 P B
TEKRONY D M 4140 Ky TELFORD H S 11270 Wash TELLE P P 1375 Colo TELLER C J 6880 N J TELLER H L 1435 Colo TELLE F J 6780 Pa TEMPLE G H 6820 Pa TEMPLE H C 7280 N Y TEMPLETON G E 670 Ark
TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TENEYCK G R 3950 Kans TENGERDY R P 1510 Colo TENGERDY R P 1540 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans
TENNANT RCBERT 1690 Conn TENNES B R 5270 Mich TENNILLE N B 8420 Okla TENPAS G H 11840 Wis TEPPER H B 7340 N Y

```
TERRORGE J.W. 4830 Md
TERRISA G.W. 3050 Idaho
TERRISA G.W. 3050 Oreq
TERRISA G.W. 3050
```

THOMPSON LO JE 200 Pie
THOMPSON LO JE 200 Pie
THOMPSON LA JESO BONE
THOMPSON LA JESO BON

TORRES-TURRELL

| TORREST STATE AMBAL NOT | FEW EMB | 4.10 | Ky | THE CENTS | 40.10 | K TORRES SEPULVEDA ANIBAL 9030

TREW E M Jr 4140 Ky

TREW E M Jr 4210 Ky

TUCKER H A 5240 Mich

TREW E M Jr 4210 Ky

TUCKER H F 50 Ala

TORRES SEPULVEDA CAMELIA 9090

P R

TRIANTAPHYLLOU A C 7480 N C

TUCKER J F 11050 Va

TRIANTAPHYLLOU HEDWIG H Mrs

TUCKER J M 940 Calif

TORRES VELEZ C J 9090 P R

TRIBBLE H M 10290 Tex

TUCKER K W 4435 La

TORRIE J H 11570 Wis

TRICE R H 10910 Va

TUCKER K W 4435 La

TOSHIRO NISHIDA 3330 III

TRICKEY N G 6020 Mo

TUCKER M R 560 Ark

TOSATO ANICANA AROCHO de Mrs

TRIEB S E 3920 Kams

TUCKER R E 4150 Ky

TUTHILL BYRDINE H Mrs 6050 Mo

UNRUH C R .3970 Kcms

VAN CLEVE KEITH 3C5 Alaska
TUTHILL D F 4850 Md

UNZICKER J D 3310 III

VAN COEVERING J A 5455 Mich
TUTT C R 4140 Ky

UOTO MASAMI 1150 Calif

VANDEMARK J S 3360 III

TUTTEROW HARRIET 7450 N C

UMPHLETT C J 9300 S C

VAN DE MARK MILDRED J Mrs 150

TUTTLE A P 5120 Mass

UPADHYAY J 11152 Va

Ala

TUTTLE D M 440 Ariz

UPCHURCH J W Jr 7375 N C

VAN DE MARK MILDRED S Mrs 160

TUTTLE DAWN H Mrs 460 Ariz

UPCHURCH W J 5935 Mo

Ala

TUTTLE J W 4150 Ky

UPHAM W K 10000 Tex

UPPER C D 11770 Wis

VAN DEMARK N L 7940 Ohio
TWEEDY B G 6070 Mo

UPPSON D W 4090 Kcms

VAN DEMARK N L 8110 Ohio
TWEETEN L G 8320 Okla

URATA UKIO 2900 Hawaii

TWEETEN L G 8320 Okla

URATA UKIO 2900 Hawaii

TWEETEN L G 8320 Md

URBAN J B 8880 Pa

VAN DEN BERGE J C 5650 Minn
TWEBAN J 6580 Nebr

VAN DEN BERGE J C 5650 Minn
TWEBAN J B 8880 Pa

VAN DEN BERGE J C 7560 N C

VAN DEN DAELEN L D 3350 III
TWOHY D W 5430 Mich

URBAN J E 3880 Kan

VAN DEN BERGL J C 3000 III

TUTTLE A P \$120 Mass

TUTTLE DAWN H Ms 460 Ariz

TWEETEN H Ms 460 Ariz

TWEETEN L G 8320 Ord

UPTON JP JF 10830 Va

VAN DEMARK N L 5910 Ohio

TYMEETEN L G 8320 Ord

UPTON JP JF 10830 Va

VAN DEMARK N L 5910 Ohio

TUTTLE DAWN H Ms 460 Ariz

TWEETEN L G 8320 Ord

URBAN W M 1090 Kans

URBAN W M 1090 Kans

URBAN W M 5300 Mich

URBAN W M 5300 Mich

URBAN W M 5300 Mich

URBAN W B 17 860 Colo

URBAN W D 17 860 NA

VAN DEMBERGE J C 5650 Minn

VAN DEMBERGE J C 56 VAN DeWERKEN HENDRIK 9840 Tenn | VALUE | VALU VAN ES J C 3280 III VAN ESELTINE W P 2560 Ga

VAN WINKLE-WAGNON

 VAN WINKLE J W 6230 Mont
 VERNON E W 3290 Ill
 VOLAND M E 4300 Ky

 VAN WINKLE M L 2450 Ga
 VERTREES JAMES 5250 Mich
 VOLK B G 2240 Fla

 VAN ZANDT DOROTHY 4900 Md
 VERTREES R L 5050 Mass
 VOLK G M 2200 Fla

 VAN ZANET SALLY Mrs 6545 Nebr
 VERTS B J 8570 Oreg
 VOLK G W 7900 Ohio

 VARDAMAN T H 5830 Miss
 VESECKY J F 3850 Kams
 VOLK G W 8070 Ohio

 VARGAS HERNANDEZ DANIEL 8960 PR
 VEST H G Jr 5350 Mich
 VOLK R J 7540 N C

 VARGAS J M 5220 Mich
 VLTTER L 3640 Iowa
 VOLK V V 8680 Oreg

 VARGAS MARTINEZ E 9090 PR
 VEUM T L 5940 Mo
 VOLMAN D H 950 Calif

 VARMA T N R 2890 Ga
 VEZEY STANLEY 2560 Ga
 VOLZ A G 865 Calif

 VARNELL T R 11870 Wyo
 VIA J E 4850 Md
 VOLZ E C 3760 Iowa

 VARNER D B 6400 Nebr
 VICENTE-CHANDLER JOSE 9080
 VOMOCIL J A 8680 Oreg

 VARNEY E H 7040 N J
 VICK C B 2480 Ga
 VONDER HAAR T H 1410 Colo

 VARNEY E B 10790 Vt
 VICK DORRIS C Mrs 630 Ark
 VON CLBE J 11664 Wis

 VEGA IVELISSE PADRO de Mrs P R
 9990 VIS UDELL
 VIS UDELL
 1265
 Calif VIS UDELL
 WADLEY B N
 10410
 Utoh

 VEGA NELIDA MORALES de Mrs
 9090
 VIS UDELL
 1265
 Calif VIS UDELL
 1320
 Calif WADLINGTON G F
 7935
 Ohio

 VEHMEYER F J
 1155
 Calif
 VITOPL W L
 10180
 Tex
 WADSWORTH B F
 860
 Okla

 VELEZ BAEZ ADALBERTO
 9030
 VITOSH M L
 5230
 Mich
 WADSWORTH B F
 860
 Oreg

 VELEZ ARAMINTA MARTINEZ de Mis 990
 VITINS V J
 5660
 Minn
 WADSWORTH S E
 8630
 Oreg

 VELEZ DELGADO J A
 9090
 P R
 VITINS V J
 5660
 Minn
 WAGGAR J A
 11375
 Wash

 VELEZ DELGADO J A
 9090
 P R
 VIVIAN VIRGINIA M
 8170
 Ohio
 WAGGONER N
 11375
 Wash

 VELEZ PEDRO B
 9090
 P R
 VIVACHAS B
 860
 Calif
 WAGGONER D E
 11375
 Wash

 VELEZ RAMOS ANTONIO B
 8940
 P R
 VO

WALCONER DE 7907 NIONA | WALCONER DE 7907 N

WANJURA D F 430 Ariz
WANTOCH ARDELL H Mrs 5585 Minn

WARREN-WEINER

WARREN B J 2470 Ga WARREN C G 1510 Colo WARREN D H 629C Mont WARREN F G 7460 N C WARREN G F 3540 Ind WARREN H M 20 Ala WARREN H M 130 Ala WARREN J A 7550 N C WARREN L O 625 Ark
WARREN M R 7470 N C WARREN R B 6420 Nebr WARREN R D 3805 Iowa WARREN REX 8560 Oreg WARREN S W 7250 N Y WARREN W J 9492 S C WARREN W M 50 Ala WARRICK A W 370 Ariz WARRICK W C 7430 N C WARRICK W C 7450 N C
WASCOM B W 4510 La WASHBON MARJORIE B Mrs 7260 N Y WASHBURN K W 2550 Ga WASHBURN R H 300 Alaska WASHBURN R I 3234 Idaho WASHINGTON U S 1940 Del WASHINGTON WALTER 5890 Miss.
WASHINO R K 990 Calif WASHKO J B 8740 Pa WASHKO W W 1660 Conn WASIK J L 7550 N C WASS W M 3820 Iowa WASSER C H 1435 Colo WASSERMAN R H 7280 N Y WASSOM C E 3850 Kans WASZILYCSAK GEORGE 6960 N J
WATADA A E 11440 W Va WATADA R Y 2940 Hawaii WATANABE F S 1375 Colo WATANABE R T 2910 Hawaii WATANABE T 3660 Iowa WATERMAN F E 7280 N Y WATERS F C 7332 N Y WATERS J C 2440 Ga
WATERS L H 7300 N Y WATERS N D 3140 Idaho WATERS R E 5890 Miss WATERS T F 5550 Minn WATERS W E 2240 Fla WATERS W H 4390 La WATERS W K 8780 Pa WATERWORTH DORIS K Mrs 320 Ariz
WATKINS DO 7250 N Y WATKINS E P 7960 Ohio WATKINS G M 10150 Tex WATKINS HAYDEN 4140 Ky WATKINS J L 8750 Pa WATKINS J W 7970 Ohio WATKINS K W 1510 Colo WATKINS M O 1990 Fla WATKINS R W 7430 N C
WATROUS GH 877C Pa WATSON BF 10060 Tex WATSON CA 3980 Kans WATSON CB 3750 Iowa WATSON CE 7090 N Mex WATSON DF 11000 Va WATSON DP 3000 Hawaii WATSON HAROLD 120 Ala
WATSON J E 220 Alα WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss WATSON L G 11480 W Vα WATSON R D 3190 Idaho WATSON R L 10070 Tex WATSON T F 440 Ariz WATSON V H 5700 Miss
WATSON W J 185 Ala WATSON W L 11160 Va WATSON W S Jr 560 Ark

```
WATT R F 6040 Mo
WATTERS R L 1540 Colo
WATTERSTON K G 10350 Tex
WATTS A B 4520 La
WATTS J G 7120 N Mex
WATTS J T 10865 Va
WATTS J T 10865 Va
WATTS L H 1370 Colo
WATTS L H 1370 Colo
WATTS R B 7950 Ohio
WEBER A F 5650 Minn
WATTS R B 7950 Ohio
WEBER R W 500 Ariz
WAUGH D L 7540 N C
WAVE H B 4770 Me
WAX L M 3250 III
WAYER B 7330 N Y
WAY WA 10790 Vt
WAY WAY WA 10790 Vt
WAY WAY WA 10790 Vt
WAYMAN OLIVER 2920 Hawaii
WAYMER SARA A Mrs 9494 S C
WAYNE R W 5480 Minn
WAYT L K 1540 Colo
WAYT W A 7960 Ohio
WEBSTER J ANET L 320 Ariz
WAYWA 10790 VI
WAYMAN CLIVER 2920 Howdii
WAYMER SARA A Mrs 9494 S C
WAYMER SARA A Mrs 9494 S C
WAYYER R SARA A Mrs 9494 S C
WAYTE K 1540 Colo
WAYT W A 1530 Ohio
WEARDEN STANLEY 11530 W Va
WEARDEN STANLEY 11530 W Va
WEARDEN STANLEY 11530 W Va
WEARTHERS C R 7410 N C
WEATHERS C R 7410 N C
WEATHERSPOON LINDSEY 10320 Tex
WEATHERSPOON LINDSEY 10322 Tex
WEAVER C R 1515 Ohio
WEAVER C R 1520 Ohio
WEAVER G R 3520 Ind
WEAVER G R 3520 Ind
WEAVER G R 3520 Ohio
WEAVER C R 1520 Ohio
WEAVER C R 250 Ohio
WEAVER C R 3520 Ind
WEAVER C R 3520 Ohio
WEAVER C R 352
```

WEINCARTNERS D.F. 2240 Fla

WEINCARTNERS D.F. 2240 Fla

WEINCARTNERS SEC. Cold

WHITE-WILLIAMS

WHITE-VILLIAMS

WINTER-WRIGHT

WITTER YEARS TRUGHT

WITTER YE

WHICH F C 1330 TH

Z

ZABEL MYRA B Mrs 5580 Minn
ZABEL R A 7334 N Y
ZABEL R A 7334 N Y
ZABEL R A 7340 N Y
ZAHARA R B L 3420 Ind
ZELLER R A 19435 S C
ZELRER R ARRY D 5250 Mich
ZELRER R A 19435 S C
ZELLER R B 19436 S C
ZELLER R B 1940 Colo
ZABER J B 8723 Creq
ZAHARA M B 1130 Calif
ZELLER R B 1540 Colo
ZABER J B 8723 Creq
ZAHARA M B 1130 Calif
ZELLER R B 1540 W Va
ZABER S A 7255 N Y
ZAHN G L 1330 Calif
ZEMAN FRANCES J 1075 Calif
ZOBEL B J 7470 N C
ZEBL D B 8480 Oreg
ZEMAN FRANCES J 1075 Calif
ZOBEL B J 7470 N C
ZOBEL B 5452 Mich
ZEMAN FRANCES J 1075 Calif
ZONITCH GEORGE 7250 N Y
ZAHNER ROBERT 5452 Mich
ZENTMEP MARY A Mrs 8885 Pa
ZARIALIN MILTON 350 Ariz
ZETTLER F W 2170 Fla
ZAK BRATISLAV 8726 Crec
ZAK BRATISLAV 8726 Crec
ZETTLER F W 2170 Fla
ZUBER M S 5935 Mc
ZUCCONI FRANCO 5350 Mics
ZUBER M S 1800 Mass
ZALLER F U 2140 Fla
ZIKMER D P 1 1180 Wash
ZIBORAL R L 1510 Colo
ZUBER M S 1800 Colo
Z ZABEL MYRA B Mrs 5580 Minn 8960 PR
ZARKOWER ARIAN 8870 Pg
ZAROOGIAN G E 9190 R 1
ZARTMAN D L 7130 N Mex
ZASADA Z A 5570 Minn
ZAUMBRECHER S J 4380 La
ZAVARIN EUGENE 868 Calif

ZAYAS LEON R A 9090 P R
ZAYAS RODRIGUEZ BRUNILDA 9090
ZIMMERMAN KATHARYN Mrs
ZIMMERMAN L H 320 Ariz ZEAGLER EVVA L Mrs 4460 La ZIMMER D E 7850 N. Dak. ZIMMER G F 2920 Hawaii ZIMMERMAN D.C. 7740 N.Dak
ZIMMERMAN D.R. 6420 Nebr
ZIMMERMAN D.R. 3640 Iowa
ZIMMERMAN D.E. 11190 Wash
ZIMMERMAN J.L. 3880 Kans

ZIMMERMAN KATHARYN Mrs 6020 M ZIMMERMAN L N 8908 Pa ZONITCH GEORGE 7250 N Y ZSCHEILE F P Jr 900 Calif
ZUBE E H 5115 Mass
ZUBER M S 5935 Mc
ZUBRISKI J C 7860 N Dak
ZUCCONI FRANCO 5350 Mich
ZUCKER MILTON 1760 Conn
ZUCKERMAN B M 5180 Mass
ZUGER W E 11180 Wash
ZUPNIK J S 1580 Conn
ZWERMAN P J 7250 N Y
ZWICK R W 8720 Oreg
ZWICKER G H 3560 Ind
ZWOLANEK HELEN K 3350 III
ZWOLINSKI B J 10070 Tex
ZWOLINSKI M J 520 Ariz
ZYCH C C 3360 III

